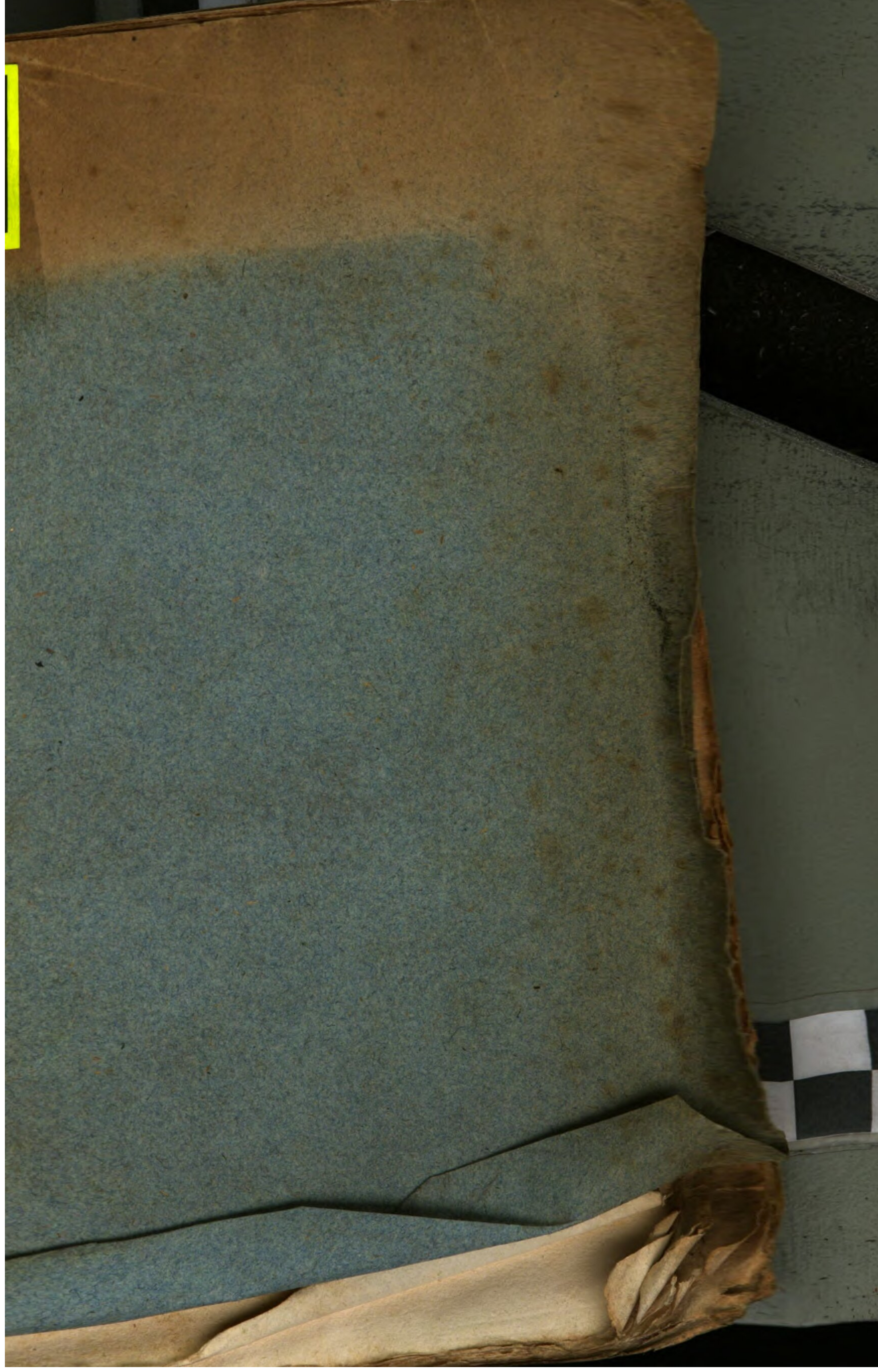






H. nat. 109<sup>a</sup>



A  
**Catalogue**  
OF THE SUBJECTS OF  
**NATURAL HISTORY,**  
IN THE  
**MUSEUM**  
OF  
THE RIGHT HON. AND HON.  
**THE DUBLIN SOCIETY,**  
SYSTEMATICALLY ARRANGED;  
ALSO OF  
THE ANTIQUITIES, &c.

—  
“*Lucidus Ordo.*”  
—

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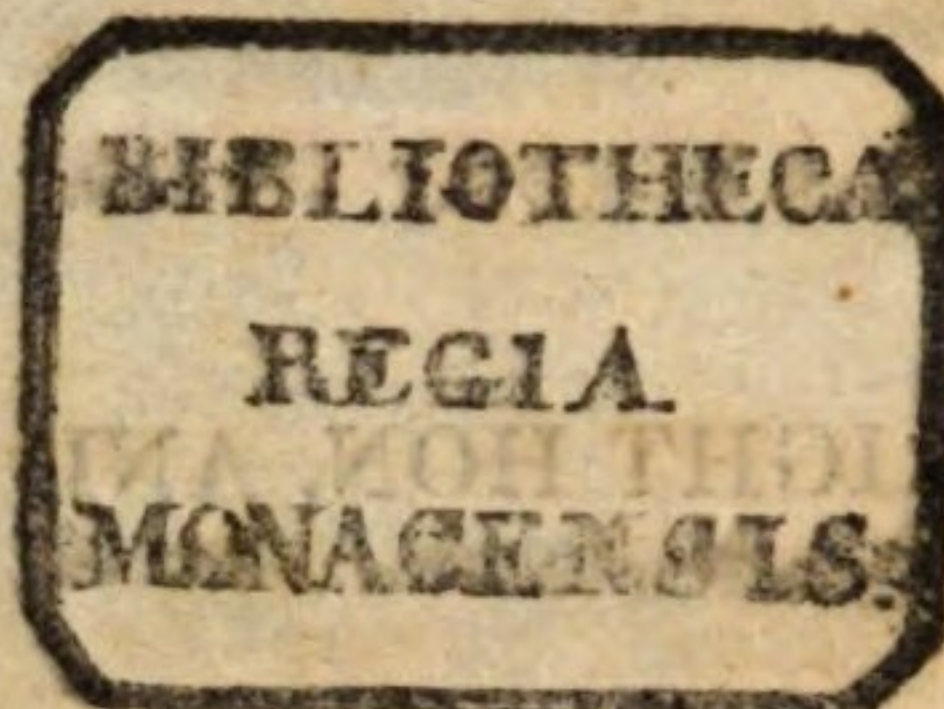
Catalogue

OF THE SUBJECTS OF

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## ADVERTISEMENT.

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*The following Catalogue exhibits at one view, in systematic classification, a great number of Subjects of Natural History, in the Zoological Department.*

*The System is, generally, that of LINNÆUS, the exception being in the Class Insecta, which is arranged according to FABRICIUS, with a further deviation, under the authority of CUVIER, by which the Genus Cancer, is withdrawn from the Aptera of LINNÆUS, and the Agonata of FABRICIUS, to the Class Vermes, under a new order Crustacea.*

*Each article is arranged in the following order, viz—First, the Figures which correspond with the numbers affixed to the Subject in the Museum. Secondly, the Generic and Specific name in Latin. Thirdly, the commonly received name of the same in English. Fourthly, the Habitat or Place where found.*

*The Miscellaneous part of the Catalogue includes a variety of curious Antique Remains ; also Indian Ornaments and Arms, with many ingenious works of Art.*

*The Index at the end directs to the different Places in the Museum, to which the Catalogue refers.*

BERNARD O'REILLY.



## ADVERTISEMENT

The following Catalogue, which is one of the most valuable  
for a general knowledge of the history of the  
United States, is now in the hands of the  
Commissioners of the General Land Office, and is  
for sale at the Office of the Commissioners, at  
Washington, D. C. The Catalogue is divided into  
two parts, the first containing a list of the  
lands of the United States, and the second  
containing a list of the lands of the  
various States. The Catalogue is  
published by the Government, and is  
for sale at the Office of the  
Commissioners of the General Land  
Office, at Washington, D. C.

JOHN W. ORELL



THE  
ANIMAL KINGDOM.

CLASS I.

MAMMALIA.

*Animals that suckle their Young.*

I. CHARACTERISTIC OF THE MAMMALIA.

*Hominis—Of Man.*

- |     |                                    |                                                |
|-----|------------------------------------|------------------------------------------------|
| 1—2 | Hominis caput et os-<br>sa femoris | Scul and thigh bones of<br>a man               |
| 3   | brachium, vasis<br>injectis        | Human arm, the blood<br>vessels injected       |
| 4   | foetus                             | Human foetus                                   |
| 5   | partus maturus<br>Æthiopis         | Perfect black infant which<br>lived three days |

*Aliorum Animalium—Of other Animals.*

- |    |                                              |                                            |              |
|----|----------------------------------------------|--------------------------------------------|--------------|
| 6  | Foetus Ursi Arcti                            | Foetus of the Black Bear                   | N. America   |
| 7  | Vitulinus                                    | Foetus of the Cow, two<br>inches in length | Europe       |
| 8  | Sceleton Talpæ Europææ                       | Skeleton of the Mole                       | Ib.          |
| 9  | Muris Decumani                               | Ditto of the Rat                           | Ib.          |
| 10 | Leporis Timidi                               | Ditto of the Hare                          | Ib.          |
| 11 | Leporis Cuniculi                             | Ditto of the Rabbit                        | Ib.          |
| 12 | Elephantis Maximi ca-<br>pitis pars inferior | Under Jaw of an Ele-<br>phant              | Asia         |
| 13 | Ejusdem os                                   | Part of spine of ditto.                    | Ib.          |
| 14 | Tricheci Rosmari caput                       | Head of the Morse                          | Newfoundland |



|                 |                                        |                                                                                                                        |               |
|-----------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------|
| 15              | Canis Domestici caput                  | Head of the Shepherd's Dog                                                                                             | Europe        |
| 16              | Canis Lupi cap.                        | Ditto of the Wolf                                                                                                      | Ib.           |
| 17              | Felis Tigridis cap.                    | Ditto of the Tiger                                                                                                     | Asia          |
| 18              | Felis Cati cap.                        | Ditto of the Cat                                                                                                       | Europe        |
| 19              | Leporis Cuniculi cap.                  | Ditto of the Rabbit                                                                                                    | Ib.           |
| 20              | Castoris Fib. capitis<br>pars inferior | Under Jaw of the Beaver                                                                                                | N. America    |
| 21              | Cervi Capreoli cap.                    | Head of the Roebuck                                                                                                    | Europe        |
| 22              | Bovis Tauri cap.                       | Ditto of the Cow                                                                                                       | Ib.           |
| 23              | Ovis Arietis maris cap.                | Head of the Sheep, male,                                                                                               | Ib.           |
| 24              | Suis Scrofæ cap.                       | Head of the common Hog                                                                                                 | Ib.           |
| 25—26           | Suis Babyrussæ cap.                    | Heads of the Babyrou-<br>essa                                                                                          | India         |
| 26 <sup>b</sup> | .....                                  | Tooth of the Monodon<br>Monoceros, or Narval,<br>or sea Unicorn                                                        | North Sea     |
| 26 <sup>c</sup> | .....                                  | Three Heads of the Del-<br>phinus Delphis, or<br>Dolphin                                                               | Mediterranean |
| 27              | Elephantis max. dens<br>laniarius      | Cutting tooth of the Ele-<br>phant                                                                                     | India         |
| 28—30           | Tricheci Durong. dentes                | Teeth of the Walrus                                                                                                    | Ib.           |
| 31              | Tricheci Manati dentes                 | Teeth of the Sea Cow                                                                                                   | North America |
| 32              | Equi Caballidens molaris               | Grinder of the Horse                                                                                                   | Europe        |
| 33              | Suis Scrofæ dentes                     | Tusks of the Wild Boar                                                                                                 | Ib.           |
| 34              | al.                                    | Do. of the Domestic do.                                                                                                | Ib.           |
| 35—37           | Delphini Orcæ dentes                   | Teeth of the Grampus                                                                                                   | Ib.           |
| 38              | Cervi Alcis cornua                     | Horns of the Elk or<br>Moose Deer                                                                                      | N. America    |
| 39              | .....                                  | Horns of the Moose deer,<br>measuring seven feet &<br>a half from tip to tip,<br>dug out of a turf bog<br>in Co. Cork, | Ireland       |
| 40              | .....                                  | Horns and bones of<br>Moose Deer found Fossil                                                                          | Ib.           |
| 41              | Rhinocerotis cornu                     | Horn of the Rhinoceros                                                                                                 | India         |
| 42              | Cervi Elaphi cornu                     | Ditto of the Stag                                                                                                      | Europe        |
| 43              | Ejusdem cornua                         | Horns of Ditto well pre-<br>served                                                                                     | N. America    |
| 44              | Ejusdem cornu                          | Horn of ditto with few<br>branches                                                                                     | Europe        |
| 45              | Cervi Tarandi cornu                    | Horn of the Rein Deer                                                                                                  | Lapland       |
| 46              | Cervi Damæ cornu                       | Ditto of the Fallow Deer                                                                                               | Europe        |
| 47              | Cervi Capreoli cornu                   | Ditto of the Roebuck                                                                                                   | Ib.           |
| 48              | Antilopis Rupicapræ<br>cornua          | Horns of the Chamois                                                                                                   | Switzerland   |
| 49              | Ant. Cervicapræ cornua                 | Horns of the common<br>Antelope                                                                                        | Africa        |



|    |                           |                                                                          |               |
|----|---------------------------|--------------------------------------------------------------------------|---------------|
| 50 | Ovis Arietis cornu        | Horn of the Spanish Sheep                                                | Europe        |
| 51 | Ovis Arietis cornua       | Very large Horns of the Ram                                              | Europe        |
| 52 | Bovis Bubali cornu        | Horn of the Buffalo                                                      | India         |
| 53 | Cervi Alcis ungula        | Foot of the Elk                                                          | N. America    |
| 54 | Cervi Capreoli ung.       | Do. of the Roebuck                                                       | Europe        |
| 55 | Cervi Mospygmæi ung.      | Do. of the Pigmy Musk Deer                                               | India         |
| 56 | Phocæ Vitulinæ ung.       | Paws of the sea Calf                                                     | Ireland       |
| 57 | Ursi Maritimi ung.        | Paw of the Polar Bear                                                    | North America |
| 58 | Castoris Fibri ung.       | Foot of the Beaver                                                       | Ib.           |
| 59 | Leporis Timidi ung.       | Foot of the Hare                                                         | Ireland       |
| 60 | Ursi Lotoris penis        |                                                                          | America       |
| 61 | Hystrixis Dorsatæ spinulæ | Quills of the Canadian Porcupine                                         | Ib.           |
| 62 | Capræ Ægagri villus       | Hair of the Angora Goat                                                  | Asia          |
| 63 | Cameli Vicugnæ villus     | Wool of the Vicugna                                                      | South America |
| 64 | Suis Scrofæ corium        | Part of the Hide of a Wild Boar which required 8 years time to be tanned | Africa        |

## II. SYSTEMATIC ARRANGEMENT.

### ORDER I. *Primates.*

#### *Simia.*

|                 |             |                 |            |
|-----------------|-------------|-----------------|------------|
| 65              | Simia Sabæa | Green Monkey    | C. G. Hope |
| 66              | Silenus     | Lion ditto      | India      |
| 67              | Capucinus   | Capuchin ditto  | S. America |
| 67 <sup>b</sup> | Iacchus     | Striated Sagoia | Ib.        |

#### *Vespertilio.*

|    |                      |                   |            |
|----|----------------------|-------------------|------------|
| 68 | Vespertilio Spectrum | Great Spectre Bat | Madagascar |
| 69 | Murinus              | Common ditto      | Europe     |
| 70 | Ferrum equinum       | Horse Shoe ditto  | Germany    |

### ORDER II. *Bruta.*

#### *Bradypus.*

|    |                     |                |               |
|----|---------------------|----------------|---------------|
| 71 | Bradypus Didactylus | Two toed Sloth | South America |
|----|---------------------|----------------|---------------|

#### *Myrmecophaga.*

|    |                            |                             |     |
|----|----------------------------|-----------------------------|-----|
| 72 | Myrmecophagæ Jubatæ pellis | Skin of the great Ant-eater | Ib. |
|----|----------------------------|-----------------------------|-----|

#### *Manis.*

|    |                    |                    |        |
|----|--------------------|--------------------|--------|
| 73 | Manis Pentadactyla | Short-tailed Manis | Guinea |
|----|--------------------|--------------------|--------|



- |    |                      |                       |               |
|----|----------------------|-----------------------|---------------|
| 74 | Manis Tetradactyla   | Long-tailed ditto     | India         |
|    |                      | <i>Dasypus.</i>       |               |
| 75 | Dasypus Novemcinctus | Nine-banded Armadillo | South America |
| 76 | al.                  | Do. preserved in Wine | Ib.           |

### ORDER III. *Feræ.*

#### *Phoca.*

- |    |               |                   |              |
|----|---------------|-------------------|--------------|
| 77 | Phoca Leonina | Bottle nosed Seal | S. Polar Sea |
|----|---------------|-------------------|--------------|

#### *Canis.*

- |    |             |      |            |
|----|-------------|------|------------|
| 78 | Canis Lupus | Wolf | Mount Etna |
| 79 | Vulpes      | Fox  | Europe     |

#### *Felis.*

- |                 |                |                                       |             |
|-----------------|----------------|---------------------------------------|-------------|
| 79 <sup>b</sup> | Felis Leo      | Lion, measuring 10½ feet<br>in length | Asia        |
| 80              | Tigridis caput | Head of a Tiger                       | East Indies |
| 81              | Leopardi cap.  | Do. of a Leopard                      | Ib.         |
| 82              | Catus          | Angora Cat                            | Asia        |
| 83              | Cati cadaver   | Mummy of a domestic<br>Cat            | Ireland     |
| 84              | Catus          | Domestic Cat                          | Ib.         |
| 85              | Ca. monstrum   | Cat with eight legs                   | Ib.         |
| 86              | Ca. monstrum   | Kitten with only two legs             | Ib.         |
| 87              | Lynx           | Lynx                                  | Asia        |

#### *Viverra.*

- |    |                  |                                |            |
|----|------------------|--------------------------------|------------|
| 88 | Viverra Mephitis | Skunk, Stifling or Pole<br>Cat | N. America |
|----|------------------|--------------------------------|------------|

#### *Mustela.*

- |    |                  |                       |            |
|----|------------------|-----------------------|------------|
| 89 | Mustela Putorius | Common Pole Cat       | Europe     |
| 90 | Erminea          | Ermine or Stoat       | N. America |
| 91 | Zibellina        | Snow Weasel or Sable  | Ib.        |
| 92 | Zib.             | Do. shot in Co. Kerry | Ireland    |

#### *Ursus.*

- |    |             |        |     |
|----|-------------|--------|-----|
| 93 | Ursus Meles | Badger | Ib. |
|----|-------------|--------|-----|

#### *Didelphis.*

- |                 |                       |                       |              |
|-----------------|-----------------------|-----------------------|--------------|
| 94              | Didelphis Marsupialis | Amboyna Opossum       | Amboyna      |
| 95              | Dorsigera             | Surinam or Merian do. | Surinam      |
| 96              | Dors. pullus          | Young ditto           | Ib.          |
| 97              | Gigantea              | Young Kangaroo        | New Holland  |
| 98              | Opossum               | Virginian Opossum     | N. America   |
| 98 <sup>b</sup> | Volans                | Flying Opossum        | New S. Wales |



*Talpa.*

- |     |               |                          |         |
|-----|---------------|--------------------------|---------|
| 99  | Talpa Europæa | European Mole            | Europe  |
| 100 | Europæa       | Do. deprived of its down | England |

*Sorex.*

- |     |               |             |        |
|-----|---------------|-------------|--------|
| 101 | Sorex Araneus | Fetid shrew | Europe |
|-----|---------------|-------------|--------|

*Erinaceus.*

- |     |                    |                  |     |
|-----|--------------------|------------------|-----|
| 102 | Erinaceus Europæus | Common Hedge-hog | Ib. |
|-----|--------------------|------------------|-----|

ORDER IV. *Glires.**Cavia.*

- |     |             |                 |            |
|-----|-------------|-----------------|------------|
| 103 | Cavia Aguti | Long nosed Cavy | S. America |
|-----|-------------|-----------------|------------|

*Castor.*

- |     |              |        |            |
|-----|--------------|--------|------------|
| 104 | Castor Fiber | Beaver | N. America |
|-----|--------------|--------|------------|

*Mus.*

- |     |               |                |         |
|-----|---------------|----------------|---------|
| 105 | Mus Decumanus | Norway Rat     | Europe  |
| 106 | Dec. varietas | White Rat      | Ireland |
| 107 | Dec. cadaver  | Mummy of ditto | Ib.     |
| 108 | Musculus      | Domestic Mouse | Europe  |
| 109 | Musc. Var.    | Ditto White    | Ireland |
| 110 | Musc.         | Ditto Ditto    | Ib.     |
| 111 | Amphibius     | Water Rat      | Europe  |
| 112 | Silvaticus    | Field Mouse    | Ib.     |
| 113 | Cricetus      | German Hamster | Ib.     |

*Sciurus.*

- |     |                  |                 |     |
|-----|------------------|-----------------|-----|
| 114 | Sciurus Vulgaris | Common Squirrel | Ib. |
|-----|------------------|-----------------|-----|

*Lepus.*

- |     |                  |                        |         |
|-----|------------------|------------------------|---------|
| 115 | Lepus Timidus    | Common Hare            | Ireland |
| 116 | Timidus monstrum | Young Hare with 8 legs | Ib.     |
| 117 | Variabilis       | Varying ditto          | Ib.     |
| 118 | Cuniculus        | Common Rabbit          | Ib.     |



## CLASS II.

## BIRDS.

## I. CHARACTERISTIC OF THE BIRDS.

|       |                                  |                                          |             |
|-------|----------------------------------|------------------------------------------|-------------|
| 1     | Skeleton Corvi                   | Skeleton of the Crow                     | Germany     |
| 2     | Corvi Monedulæ                   | Ditto of the Jackdaw                     | Ireland     |
| 3     | Sturni vulgaris                  | Ditto of the Stare                       | Ib.         |
| 4     | Motacillæ Reguli pul.            | Ditto of a young Golden-crested Wren     | Ib.         |
| 5     | Rhamphasti Aracari rostrum       | Bill and Tongue of the Brasilian Toucan  | S. America  |
| 6     | Dicolori rostrum                 | Ditto ditto of the yellow throated ditto | Cayenne     |
| 7     | Buceri Bicornis rostrum          | Ditto of the Hornbill                    | Philippines |
| 8—9   | Rhinoceri rostra                 | Ditto of the Rhinoceros Bird             | India       |
| 10    | Pici Viridis caput               | Head of the Green Woodpecker             | Europe      |
| 11    | Anatis Creccæ caput              | Ditto of the common Teal                 | Ib.         |
| 12    | Rynchopsis Nigræ cap.            | Ditto of the black Skimmer               | America     |
| 13    | Plataleæ Leucorodiæ cap.         | Ditto of the white Spoon Bill            | Europe      |
| 14    | Caprimulgi Europæi cap.          | Ditto of the common Goatsucker           | Ib.         |
| 15    | Phasiani Galli calcar            | Spur of the common Cock                  | Dublin      |
| 16    | Anatis Domesticæ cor ossificatum | Ossified Heart of the Tame Duck          | Ib.         |
| 17    | Creccæ pedes                     | Feet of the common Teal                  | Ireland     |
| 18    | Colymbi Minoris pes              | Foot of the little Grebe                 | Ib.         |
| 19    | Psittaci Macao ala               | Wing of the red and blue Maccaw          | S. America  |
| 20    | Scolopacis Totani ala            | Ditto of the spotted Snipe               | India       |
| 21    | Caprimulgi Europæi ala           | Ditto of the common Goatsucker           | Howth       |
| 22—23 | Psittaci Macao plumæ             | Feathers of the Maccaw                   | S. America  |



|       |                                 |                                         |                    |
|-------|---------------------------------|-----------------------------------------|--------------------|
| 24    | Rhamphasti Aracari pl.          | Feathers of the Brazilian Toucan        | <i>S. America</i>  |
| 25    | Certhiæ Cœruleæ plumæ           | Do. of the blue Creeper                 | <i>Cayenne</i>     |
| 26    | Struthionis Cassuarii plumæ     | Ditto of the Cassowary                  | <i>New Holland</i> |
| 27    | Tetraonis Scotici plumæ         | Ditto of the Grouse                     | <i>Ireland</i>     |
| 28    | Motacillæ Reguli plumæ          | Ditto of the Golden crested Wren        | <i>Ib.</i>         |
| 29    | Loxiæ Philippinæ nidus          | Nest of the Pilippine Grossbeak         | <i>Asia</i>        |
| 30—31 | Loxiæ Abyssinicæ nidus          | Ditto of the Abyssinian ditto           | <i>Africa</i>      |
| 32    | Trochili Cinerei nidus          | Nest of the ash-bellied Humming Bird    | <i>S. America</i>  |
| 33    | Motacillæ Reguli nidus pendulus | Hanging nest of the golden crested Wren | <i>Ireland</i>     |
| 34—36 | Nidi vulgares                   | Incrusted nests with eggs               | <i>Yorkshire</i>   |
| 37    | al.                             | Ditto found in                          | <i>Ireland</i>     |
| 39—41 | Struthionis Cameli ova          | Eggs of the Ostrich                     | <i>Africa</i>      |
| 42    | Corvi picæ ova                  | Ditto of the Magpye                     | <i>Europe</i>      |
| 43—45 | Anatis domesticæ ova            | Ditto of the Duck                       | <i>Ib.</i>         |
| 46—49 | Alcæ Tordæ ova                  | Ditto of the Razor Bill                 | <i>Lambay</i>      |
| 50    | Phasiani Galli ova              | Monstrous ditto of the Pheasant         | <i>Europe</i>      |
| 51    | Phas. Gal. ova                  | Remarkable large Pullet's eggs          | <i>Ireland</i>     |
| 52    | ejusdem                         | Hen's egg nearly globular               | <i>Ib.</i>         |
| 53    | ejusdem                         | Three very small ditto                  | <i>Ib.</i>         |
| 54    | ejusdem                         | Eggs found in the white of a Hen's egg  | <i>Ib.</i>         |
| 55    | ejusdem                         | Stone found in the yolk of an egg       | <i>Ib.</i>         |
| 56—57 | Lari marini ova                 | Eggs of the black backed Gull           | <i>Ib.</i>         |
| 58    | Charadrii Hiaticulæ ov.         | Egg of the ringed Plover                | <i>Europe</i>      |
| 59    | Sternæ Hirundinis ova           | Eggs of the greater Tern                | <i>Ib.</i>         |
| 60    | Sternæ Nigræ ova                | Do. of the black headed ditto           | <i>Ib.</i>         |
| 61    | Sternæ Minutæ ovum              | Egg of the smaller ditto                | <i>Ib.</i>         |
| 62    | Tetraonis Perdici ova           | Eggs of the Partridge                   | <i>Ib.</i>         |
| 63    | Motacillæ modularis ov.         | Ditto of the Hedge Sparrow              | <i>Ib.</i>         |
| 64    | Fringillæ-Cœlibis ov.           | Ditto of the Chaffinch                  | <i>Ib.</i>         |



## II. SYSTEMATIC ARRANGEMENT.

ORDER I. *Accipitres**Falco.*

|    |       |             |                      |        |
|----|-------|-------------|----------------------|--------|
| 65 | Falco | fulvus      | Ring tailed Eagle    | Europe |
| 66 |       | Anatinus    | Bald Buzzard         | Ib.    |
| 67 |       | Pygargus    | Ring-tail Hawk, male | Ib.    |
| 68 |       | Py.         | Ditto, female        | Ib.    |
| 69 |       | Gentilis    | Gentle Falcon        | Ib.    |
| 70 |       | Subbuteo    | Hobby, male          | Ib.    |
| 71 |       | Sub.        | Ditto, female        | Ib.    |
| 72 |       | Buteo       | Buzzard, male        | Ib.    |
| 73 |       | Bu.         | Ditto, female        | Ib.    |
| 74 |       | Tirnunculus | Kestrel, male        | Ib.    |
| 75 |       | Palumbasius | Goshawk, female      | Ib.    |
| 76 |       | Nisus       | Sparrow-hawk, female | Ib.    |

*Strix.*

|    |       |         |                   |              |
|----|-------|---------|-------------------|--------------|
| 77 | Strix | Bubo    | Great horned Owl  | Hudson's Bay |
| 78 |       | Otus    | Long eared ditto  | America      |
| 79 |       | Ulula   | Brown ditto       | Europe       |
| 80 |       | Aluco   | Aluco ditto       | Ib.          |
| 81 |       | Flammea | Common Barn ditto | Ireland      |

*Lanius.*

|    |        |                 |                                      |         |
|----|--------|-----------------|--------------------------------------|---------|
| 82 | Lanius | Erythrocephalus | Red headed Shrike or<br>Butcher Bird | Europe  |
| 83 |        | Excubitor       | Grey backed ditto, male              | Ib.     |
| 84 |        | Ex.             | Ditto, female                        | Ib.     |
| 85 |        | Collurio        | Common ditto                         | Ib.     |
| 86 |        | Sulphuratus     | Yellow Bellied ditto                 | Cayenne |
| 87 |        | Doliatus        | Pied ditto                           | Ib.     |
| 88 |        | Griseus         | Grey ditto                           | Ib.     |

ORDER II. *Picae.**Psittacus.*

|       |           |                  |                     |             |
|-------|-----------|------------------|---------------------|-------------|
| 89    | Psittacus | Macao            | Red and Blue Maccaw | S. America  |
| 90—92 |           | Eximius          | Nonpareil Paroquet  | New Holland |
| 93    |           | Alexandri        | Alexandrine ditto   | Asia        |
| 94    |           | Porphyrocephalus | Purple Headed ditto | S. Sea Is.  |
| 95    |           | Gloriosus        | Splendid ditto      | New Holland |
| 96    |           | Sulphureus       | White Cockatoo      | Moluccas    |

*Rhamphastos.*

|    |            |           |                        |         |
|----|------------|-----------|------------------------|---------|
| 97 | Ramphastos | Dicolorus | Yellow throated Toucan | Cayenne |
|----|------------|-----------|------------------------|---------|



*Corvus.*

|     |                 |                           |         |
|-----|-----------------|---------------------------|---------|
| 98  | Corvus Graculus | Chough or red legged Crow | Ireland |
| 99  | Glandarius      | Jay, male                 | England |
| 100 | Glan.           | Ditto, female             | Ib.     |
| 101 | Cyaneus         | Small blue ditto          | Dauria  |
| 102 | Pica            | Magpye                    | Europe  |

*Coracias.*

|     |                  |        |        |
|-----|------------------|--------|--------|
| 103 | Coracias Garrula | Roller | Africa |
|-----|------------------|--------|--------|

*Oriolus.*

|     |                 |                        |            |
|-----|-----------------|------------------------|------------|
| 104 | Oriolus Galbula | Golden Oriole          | Asia       |
| 105 | Persicus        | Black and yellow ditto | S. America |

*Gracula.*

|     |                   |                                |       |
|-----|-------------------|--------------------------------|-------|
| 106 | Gracula Religiosa | Minor Grackle, or Indian Stare | India |
|-----|-------------------|--------------------------------|-------|

*Paradisea.*

|         |                 |                            |             |
|---------|-----------------|----------------------------|-------------|
| 107—109 | Paradisea Apoda | Greater Bird of Paradise   | New Guinea  |
| 110     | Parkinsonia     | Parkinson's or black ditto | New Holland |

*Cuculus.*

|     |                 |               |        |
|-----|-----------------|---------------|--------|
| 111 | Cuculus Canorus | Cuckow        | Europe |
| 112 | Can.            | Ditto variety | Ib.    |

*Yunx.*

|     |                |         |     |
|-----|----------------|---------|-----|
| 113 | Yunx Torquilla | Wryneck | Ib. |
|-----|----------------|---------|-----|

*Picus.*

|     |               |                             |            |
|-----|---------------|-----------------------------|------------|
| 114 | Picus Martius | Great black Woodpecker      | Chili      |
| 115 | Major         | Great spotted ditto, male   | Europe     |
| 116 | Ma.           | Ditto ditto, female         | Ib.        |
| 117 | Ma.           | Ditto ditto, female         | Ib.        |
| 118 | Varius        | Yellow bellied ditto, male  | N. America |
| 119 | Pileatus      | Pileated ditto              | Virginia   |
| 120 | Tridactylus   | Three toed ditto            | America    |
| 121 | Cinnamomus    | Ferruginous ditto           | Cayenne    |
| 122 | .....         | Ditto                       | Ib.        |
| 123 | Auratus       | Golden winged ditto, female | N. America |

*Sitta.*

|     |               |                          |        |
|-----|---------------|--------------------------|--------|
| 124 | Sitta Europœa | Nuthatch or Wood-cracker | Europe |
|-----|---------------|--------------------------|--------|



*Alcedo.*

|     |               |                    |             |
|-----|---------------|--------------------|-------------|
| 125 | Alcedo Ispida | Common Kingsfisher | Ireland     |
| 126 | Is.           | Ditto ditto        | Ib.         |
| 127 | Collaris      | Collared ditto     | Philippines |

*Merops.*

|     |              |                     |            |
|-----|--------------|---------------------|------------|
| 128 | Merops Cafer | Cinereous Bee-eater | C. G. Hope |
|-----|--------------|---------------------|------------|

*Upupa.*

|     |             |               |        |
|-----|-------------|---------------|--------|
| 129 | Upupa Epops | Common Hoopoe | Europe |
|-----|-------------|---------------|--------|

*Certhia.*

|     |                    |                   |             |
|-----|--------------------|-------------------|-------------|
| 130 | Certhia Currucaria | Olive Creeper     | C. G. Hope  |
| 131 | Cœrulea            | Blue ditto        | Cayenne     |
| 132 | alia               | Ditto ditto       | Ib.         |
| 133 | Famosa             | Famous ditto      | C. G. Hope  |
| 134 | Longicauda         | Long tailed ditto | West Indies |

*Trochilus.*

|     |                    |                             |         |
|-----|--------------------|-----------------------------|---------|
| 135 | Trochilus Cinereus | Ash bellied Humming<br>bird | America |
|-----|--------------------|-----------------------------|---------|

ORDER III. *Anseres.**Anas.*

|                  |                   |                      |            |
|------------------|-------------------|----------------------|------------|
| 136              | Anas Galerikulata | Chinese Duck, female | Japan      |
| 136 <sup>b</sup> | Tadorna           | Sheldrake            | Dublin Bay |

*Mergus.*

|     |                 |                   |         |
|-----|-----------------|-------------------|---------|
| 137 | Mergus Albellus | Smew or white Nun | Ireland |
|-----|-----------------|-------------------|---------|

*Alca.*

|     |              |                      |     |
|-----|--------------|----------------------|-----|
| 138 | Alca Arctica | Puffin or Coulterneb | Ib. |
|-----|--------------|----------------------|-----|

*Aptenodytes.*

|     |                        |                    |              |
|-----|------------------------|--------------------|--------------|
| 139 | Aptenodytes Patagonica | Patagonian Penguin | Falkland Is. |
|-----|------------------------|--------------------|--------------|

*Pelecanus.*

|     |                       |                           |         |
|-----|-----------------------|---------------------------|---------|
| 140 | Pelecanus Onocrotalus | Pelican of the Wilderness | Arabia  |
| 141 | Carbo                 | Corvorant                 | Ireland |

*Colymbus.*

|     |                  |                          |         |
|-----|------------------|--------------------------|---------|
| 142 | Colymbus Auritus | Long-eared Grebe         | Ireland |
| 143 | Minor            | Little ditto or Dabchick | Ib.     |
| 144 | Al.              | Ditto ditto              | Ib.     |



*Larus.*

|     |                          |                             |              |
|-----|--------------------------|-----------------------------|--------------|
| 145 | <i>Larus Tridactylus</i> | Tarrock, or three-toed Gull | <i>Howth</i> |
| 146 | <i>Canus</i>             | Common ditto                | <i>Ib.</i>   |
| 147 | <i>Marinus</i>           | Black-backed ditto          | <i>Ib.</i>   |

*Sterna.*

|     |                       |                             |            |
|-----|-----------------------|-----------------------------|------------|
| 148 | <i>Sterna Hirundo</i> | Greater Tern or Sea Swallow | <i>Ib.</i> |
|-----|-----------------------|-----------------------------|------------|

ORDER IV. *Grallæ.**Ardea.*

|     |                   |              |                |
|-----|-------------------|--------------|----------------|
| 149 | <i>Ardea Grus</i> | Common Crane | <i>Europe</i>  |
| 150 | <i>Major</i>      | Common Heron | <i>Ireland</i> |
| 151 | <i>Stellaris</i>  | Bittern      | <i>Ib.</i>     |

*Scolopax.*

|     |                         |               |            |
|-----|-------------------------|---------------|------------|
| 152 | <i>Scolopax Arquata</i> | Common Curlew | <i>Ib.</i> |
| 153 | <i>Rusticola</i>        | Woodcock      | <i>Ib.</i> |
| 154 | <i>Gallinago</i>        | Snipe         | <i>Ib.</i> |

*Tringa.*

|          |                      |                         |               |
|----------|----------------------|-------------------------|---------------|
| 155--159 | <i>Tringa Pugnax</i> | Ruff                    | <i>Europe</i> |
| 160      | <i>Vanellus</i>      | Lapwing or Pewit, male  | <i>Ib.</i>    |
| 161      | <i>Van.</i>          | Ditto, female           | <i>Ib.</i>    |
| 162      | <i>Van.</i>          | Ditto, young, unfledged | <i>Ib.</i>    |
| 163      | <i>Van.</i>          | Ditto, young, fledged   | <i>Ib.</i>    |

*Fulica.*

|     |                    |               |            |
|-----|--------------------|---------------|------------|
| 164 | <i>Fulica Atra</i> | Common Coot   | <i>Ib.</i> |
| 165 | <i>Aterrima</i>    | Greater ditto | <i>Ib.</i> |

*Rallus.*

|          |                    |                         |            |
|----------|--------------------|-------------------------|------------|
| 166--168 | <i>Rallus Crex</i> | Land Rail, or Corncrake | <i>Ib.</i> |
| 169      | <i>Aquaticus</i>   | Water ditto             | <i>Ib.</i> |

ORDER V. *Gallinæ.**Phasianus.*

|     |                            |                       |               |
|-----|----------------------------|-----------------------|---------------|
| 170 | <i>Phasianus Colchicus</i> | Common Pheasant, male | <i>Europe</i> |
| 171 | <i>Col.</i>                | Ditto ditto, female   | <i>Ib.</i>    |
| 172 | * <i>Mixtus</i>            | Cross ditto, male     | <i>Ib.</i>    |
| 173 | <i>Mix.</i>                | Ditto ditto,          | <i>Ib.</i>    |
| 174 | <i>Pictus</i>              | Golden ditto, male    | <i>China</i>  |
| 175 | <i>Pic.</i>                | Ditto ditto, female   | <i>Ib.</i>    |



|                  |                       |                        |         |
|------------------|-----------------------|------------------------|---------|
| 176              | Phasianus Pictus      | Ditto ditto, male      | China   |
| 177              | Pic.                  | Ditto ditto, female    | Ib.     |
| 178              | Nycthemeris           | Penciled ditto, male   | Ib.     |
| 178 <sup>b</sup> | Gallus, mon-<br>strum | Chicken with four legs | Ireland |

*Tetrao.*

|     |                |                      |         |
|-----|----------------|----------------------|---------|
| 179 | Tetrao Lagopus | Ptarmigan            | Norway  |
| 180 | Francolinus    | Francoline Partridge | Asia    |
| 181 | Perdix         | Common ditto, male   | Ireland |
| 182 | Per.           | Ditto ditto, female  | Ib.     |
| 183 | Coturnix       | Common Quail         | Ib.     |

ORDER VI. *Passeres.**Columba.*

|                  |                          |                                   |         |
|------------------|--------------------------|-----------------------------------|---------|
| 184              | Columba Palumbus         | Ring Dove or Wood<br>Pigeon       | Ireland |
| 185              | Turtur                   | Turtle Dove                       | Ib.     |
| 186              | *Cinnamomus              | Damascus Dove                     | Asia    |
| 186 <sup>b</sup> | Domestica, mon-<br>strum | Domestic Pigeon with<br>four legs | Europe  |

*Alauda.*

|     |                 |            |     |
|-----|-----------------|------------|-----|
| 187 | Alauda Arvensis | Sky Lark   | Ib. |
| 188 | Pratensis       | Tit ditto  | Ib. |
| 189 | Arborea         | Wood ditto | Ib. |

*Sturnus.*

|     |                  |                               |         |
|-----|------------------|-------------------------------|---------|
| 190 | Sturnus Vulgaris | Common Stare or Star-<br>ling | Ib.     |
| 191 | Cinclus          | Water Ouzel                   | Ireland |

*Turdus.*

|     |                   |                                             |            |
|-----|-------------------|---------------------------------------------|------------|
| 192 | Turdus Viscivorus | Missel Thrush                               | Ib.        |
| 193 | Pilaris           | Fieldfare                                   | Ib.        |
| 194 | Iliacus           | Redwing or Wind Thrush                      | Europe     |
| 195 | Iliacus           | Ditto                                       | Ireland    |
| 196 | Il. var.          | Dun ditto, shot in the<br>Co. Wicklow       | Ib.        |
| 197 | Merula            | Blackbird, variety                          | Europe     |
| 198 | Torquatus         | Ring Ouzel, called in<br>Ireland the Cowboy | Ib.        |
| 199 | Migratorius       | Red-breasted Thrush                         | N. America |

*Ampelis.*

|     |                 |                 |         |
|-----|-----------------|-----------------|---------|
| 200 | Ampelis Garrula | Waxen Chatterer | Bohemia |
| 201 | Pompadora       | Pompadour ditto | Guiana  |



*Loxia.*

|     |       |                |                       |         |
|-----|-------|----------------|-----------------------|---------|
| 202 | Loxia | Curvirostra    | Cross Bill Gross Beak | Ireland |
| 203 |       | Coccothraustes | Hawfinch              | Ib.     |
| 204 |       | Capensis       | Cape Gross Beak       | Africa  |
| 205 |       | Pyrrhula       | Bull Finch            | Ireland |

*Emberiza.*

|     |          |            |                      |        |
|-----|----------|------------|----------------------|--------|
| 206 | Emberiza | Citrinella | Yellow Hammer, male  | Europe |
| 207 |          | Cit        | Ditto, female        | Ib.    |
| 208 |          | Paradisea  | Whidah Bunting, male | Angola |
| 209 |          | Par.       | Ditto, female        | Ib.    |
| 210 |          | Par.       | Ditto, ditto         | Ib.    |

*Tanagra.*

|     |         |          |                     |            |
|-----|---------|----------|---------------------|------------|
| 211 | Tanagra | Brasilia | Brasilian Tanager   | S. America |
| 212 |         | Violacea | Golden ditto        | Cayenne    |
| 213 |         | Vio.     | Ditto ditto         | Ib.        |
| 214 |         | Cyanea   | Blue ditto, male    | Ib.        |
| 215 |         | Cy.      | Ditto ditto, female | Ib.        |

*Fringilla.*

|     |           |          |                            |              |
|-----|-----------|----------|----------------------------|--------------|
| 216 | Fringilla | Cælebs   | Chaffinch                  | Europe       |
| 217 |           | Cinerea  | Quaker Bird                | Asia         |
| 218 |           | Coccinea | Scarlet Finch              | Sandwich Is. |
| 219 |           | Olivacea | Olive Sparrow              | Africa       |
| 220 |           | Sinensis | Chinese or Java ditto      | Asia         |
| 221 |           | Brasilia | Brasilian or painted ditto | Brasil       |

*Muscicapa.*

|     |           |             |                          |        |
|-----|-----------|-------------|--------------------------|--------|
| 222 | Muscicapa | Atricapilla | Spotted Flycatcher, male | Europe |
| 223 |           | At.         | Ditto ditto female       | Ib.    |

*Motacilla.*

|     |           |            |                        |         |
|-----|-----------|------------|------------------------|---------|
| 224 | Motacilla | Alba       | White Wagtail          | Ib.     |
| 225 |           | Flava      | Yellow ditto           | Ib.     |
| 226 |           | Oenanthe   | Wheat Ear              | Germany |
| 227 |           | Oen.       | Ditto shot near Dublin | Ireland |
| 228 |           | Rubetra    | Whin Chat              | Ib.     |
| 229 |           | Phænicurus | Red Start              | Europe  |
| 230 |           | Rubecola   | Robin Red Breast       | Ib.     |
| 231 |           | Regulus    | Golden crested Wren    | Ireland |
| 232 |           | Reg.       | Ditto ditto            | Ib.     |
| 233 |           | Trochilus  | Yellow Wren            | Europe  |

*Parus.*

|     |       |       |                      |     |
|-----|-------|-------|----------------------|-----|
| 234 | Parus | Major | Great Titmouse, male | Ib. |
| 235 |       | Maj.  | Ditto ditto female   | Ib. |



## CLASS III,

## AMPHIBIA.

ORDER I. *Reptiles.*1. *Breathing with Lungs, Legs four.**Testudo.*

|       |         |            |                      |               |
|-------|---------|------------|----------------------|---------------|
| 1     | Testudo | Mydas      | Green Turtle         | South Sea     |
| 2     |         | Imbricata  | Hawk's Bill ditto    | America       |
| 3—7   |         | Caretta    | Loggerhead ditto     | Mediterranean |
| 8—11  |         | Græca      | Common land Tortoise | Africa        |
| 12    |         | Carinata   | Carinated ditto      | Ib.           |
| 13    |         | Clausa     | Close ditto          | N. America    |
| 14—16 |         | Geometrica | Geometrical ditto    | S. America    |
| 17    |         | Radiata    | Radiated ditto       | Madagascar    |
| 18    |         | Rugosa     | Wrinkled ditto       | ..... ?       |
| 19    |         | Meleagris  | Speckled ditto       | Europe        |
| 20    |         | Mel.       | Variety of ditto     | Ib.           |
| 21    |         | Scabra     | Rough ditto          | Amboina       |

*Rana.*

|    |      |           |                   |            |
|----|------|-----------|-------------------|------------|
| 22 | Rana | Pipa      | Surinam Toad      | Guiana     |
| 23 |      | Bufo      | Common ditto      | Europe     |
| 24 |      | Typhonia  | Hurricane Frog    | N. America |
| 25 |      | Ocellata  | Ocellate ditto    | Ib.        |
| 26 |      | Marginata | Bordered ditto    | S. America |
| 27 |      | Paradoxa  | Paradoxical ditto | Ib.        |

*Draco.*

|    |       |        |               |        |
|----|-------|--------|---------------|--------|
| 28 | Draco | Volans | Flying Dragon | Africa |
| 29 |       | al.    | Ditto ditto   | Ib.    |

*Lacerta.*

|       |         |            |                       |       |
|-------|---------|------------|-----------------------|-------|
| 30    | Lacerta | Crocodilus | Crocodile of the Nile | Egypt |
| 31—33 |         | Crocodili  | Young Crocodiles      | Ib.   |



|       |                 |                                |             |
|-------|-----------------|--------------------------------|-------------|
| 34    | Lacerta Dracœna | Dracœna, or long tailed Lizard | America     |
| 35    | Dra.            | Ditto young                    | Ib.         |
| 36    | Cordylus        | Cordyle ditto                  | Africa      |
| 37    | Stellio         | Rough ditto                    | Egypt       |
| 38    | Mauritanica     | Moorish ditto                  | Mauritania  |
| 39    | Azurea          | Azure ditto                    | Africa      |
| 40    | Orbicularis     | Orbicular ditto                | America     |
| 41    | Agilis          | Scaly ditto                    | Europe      |
| 42    | Ag.             | Ditto                          | America     |
| 43    | Ag.             | Variety of ditto               | Ib.         |
| 44—46 | Ag.             | Varieties of ditto             | Europe      |
| 47    | Ag.             | Variety of ditto               | Ib.         |
| 48    | Seps            | Seps Lizard                    | Ib.         |
| 49—50 | Tœniolata       | Ribbon ditto                   | New Holland |
| 51    | Sex-lineata     | Six-lined ditto                | Hispaniola  |
| 52    | Chamæleon       | Common Chamæleon               | India       |
| 53    | Gecko           | Common Gecko                   | Asia        |
| 54    | Dubia           | Geckotte                       | France      |
| 56—59 | Iguana          | Common Guana                   | America     |
| 60—62 | Ig.             | Ditto ditto                    | Ib.         |
| 63    | Amboinensis     | Amboina Guana                  | Amboyna     |
| 64    | Calotes         | Galeote Lizard                 | Ceylon      |
| 65—66 | Agama           | American Galeote               | N. America  |
| 67—70 | Marmorata       | Marbled Lizard                 | West Indies |
| 71—72 | Teguixin        | Variegated ditto               | India       |
| 73    | Aurata          | Golden ditto                   | Jersey      |
| 4     | Punctata        | Dotted ditto                   | Carolina    |
| 75    | Maculata        | Spotted ditto                  | .....       |
| 76—79 | Lacustris       | Warted Newt                    | Europe      |
| 80—81 | Occidua         | Spotted Scink                  | W. Indies   |
| 82—84 | .....           | Lizards' Eggs                  |             |

## ORDER II. *Serpentes.*

*Breathing by the Lungs only, having neither Feet, Fins, or Ears.*

### *Crotalus.*

|       |                   |                                      |            |
|-------|-------------------|--------------------------------------|------------|
| 85    | Crotalus Horridus | Banded Rattlesnake<br>four feet long | Carolina   |
| 86    | Hor.              | Ditto ditto, young                   | N. America |
| 87    | Dryinas           | Wood ditto, ditto                    | Ib.        |
| 88    | Durissus          | Striped ditto, ditto                 | Ib.        |
| 89    | Dur.              | Ditto ditto, ditto                   | Ib.        |
| 90    | Mutus             | Mute ditto                           | Surinam    |
| 91—92 | .....             | Rattles of the Crotalus<br>Horridus  | N. America |
| 93    | .....             | Poisonous fang of ditto              | Ib.        |



*Boa.*

|     |                 |                         |                   |
|-----|-----------------|-------------------------|-------------------|
| 94  | Boa Constrictor | Ox Serpent 21 feet long | <i>America</i>    |
| 95  | Con.            | Ditto ditto 17 ditto    | <i>Ib.</i>        |
| 96  | Con.            | Ditto ditto 11 ditto    | <i>Ib.</i>        |
| 97  | Con.            | Ditto ditto 2½ ditto    | <i>Ib.</i>        |
| 98  | Scytale         | Spotted do. 4 ditto     | <i>S. America</i> |
| 99  | Cenchris        | Ringed do. 2½ ditto     | <i>Ib.</i>        |
| 100 | Cen.            | Ditto ditto 9 ditto     | <i>Ib.</i>        |

*Coluber.*

|         |                |                         |                   |
|---------|----------------|-------------------------|-------------------|
| 101     | Coluber Vipera | Beaded Brown Viper      | <i>Egypt</i>      |
| 102     | Striatulus     | Striated ditto          | <i>Carolina</i>   |
| 103     | Plicatilis     | Plicatile ditto         | <i>S. America</i> |
| 104     | Domicella      | Domicella ditto         | <i>Asia</i>       |
| 105—109 | Berus          | Common Viper            | <i>Europe</i>     |
| 110     | Berus          | Variety of ditto        | <i>Ib.</i>        |
| 111—113 | Aspis          | Asp, or Aspic           | <i>France</i>     |
| 114     | Cæruleus       | Cærulean Snake          | <i>America</i>    |
| 115     | Fasciatus      | Fasciated ditto         | <i>Carolina</i>   |
| 116—118 | Doliatus       | Ring Banded ditto       | <i>Ib.</i>        |
| 119     | Melanocephalus | Black Headed ditto Var. | <i>America</i>    |
| 120     | Mexicanus      | Mexican ditto           | <i>Ib.</i>        |
| 121     | Aurora         | Aurora ditto            | <i>Ib.</i>        |
| 122     | Elaphis        | Dun ditto               | <i>Italy</i>      |
| 123     | Æsculapii      | Esculapian ditto        | <i>Ib.</i>        |
| 124     | Stolatus       | Blue Headed ditto       | <i>Asia</i>       |
| 125     | Catenatus      | Chain ditto             | <i>W. Indies</i>  |
| 126     | Rhombeatus     | Lozenge spotted ditto   | <i>S. America</i> |
| 127—131 | Natrix         | Ringed ditto            | <i>Europe</i>     |
| 132—133 | Agilis         | Agile ditto             | <i>Ceylon</i>     |
| 134—135 | Lineatus       | Lineated ditto          | <i>Asia</i>       |
| 136     | Sibilans       | Sibilant ditto          | <i>Ib.</i>        |
| 137—138 | Tæniatus       | Tæniated ditto          | <i>Ib.</i>        |
| 139     | *Fulvus        | Fulvous ditto           | .....             |
| 140     | Sibon          | Sibon ditto             | <i>Africa</i>     |
| 141—143 | Nebulatus      | Clouded ditto           | <i>N. America</i> |
| 144     | Annulatus      | Annulated ditto         | <i>Ib.</i>        |
| 145     | Pallatus       | Mourning ditto          | <i>India</i>      |
| 146     | Molurus        | Molurus ditto           | <i>S. America</i> |
| 147     | *Dominicensis  | St. Domingo ditto       | <i>W. Indies</i>  |
| 148     | Æstivus        | Summer ditto            | <i>N. America</i> |
| 149     | Mycterizans    | Long Snouted ditto      | <i>Ib.</i>        |
| 150     | Purpurascens   | Purpurescent ditto      | <i>Ib.</i>        |
| 151     | Flagellum      | Coach Whip ditto        | <i>Ib.</i>        |
| 152     | Argus          | Argus ditto             | <i>Africa</i>     |
| 153     | Ova Colubrina  | Snakes' Eggs            | <i>N. America</i> |



*Anguis.*

|     |        |            |                             |               |
|-----|--------|------------|-----------------------------|---------------|
| 154 | Anguis | Meleagris  | Speckled Slow Worm          | South America |
| 155 |        | Maculata   | Spotted ditto               | Ib.           |
| 156 |        | Reticulata | Reticulated ditto           | Amboina       |
| 157 |        | Scytale    | Painted ditto               | South America |
| 158 |        | Annulatus  | Annulated ditto             | Ib.           |
| 159 |        | Fragilis   | Fragile ditto or blind-worm | Europe        |

*Amphisbæna:*

|         |            |            |                       |         |
|---------|------------|------------|-----------------------|---------|
| 160—161 | Amphisbæna | Fuliginosa | Fuliginous Amphisbæna | America |
| 162     |            | Alba       | White ditto           | Ib.     |

ORDER III. *Nantes.**Petromyzon.*

|     |            |             |                                |        |
|-----|------------|-------------|--------------------------------|--------|
| 163 | Petromyzon | Fluviatilis | River Lamprey or Lamp-<br>pern | Europe |
| 164 |            | Planer      | Planer's Lamprey               | Ib.    |
| 165 |            | Branchialis | Minute ditto                   | Ib.    |

*Raja.*

|     |      |         |           |               |
|-----|------|---------|-----------|---------------|
| 166 | Raja | Aquila  | Eagle Ray | Atlantic      |
| 167 |      | Clavata | Thornback | Mediterranean |

*Squalus.*

|     |         |                      |                                 |           |
|-----|---------|----------------------|---------------------------------|-----------|
| 168 | Squalus | Mustelus             | Smooth Sea Hound                | Europe    |
| 169 |         | Glaucus              | Blue Shark                      | Atlantic  |
| 170 |         | Cornubicus           | Porbeagle or bottle-nosed ditto | Ib.       |
| 171 |         | Acanthiæ em-<br>bryo | Young picked Dog-fish           | Ib.       |
| 172 |         | Squatina             | Angel Fish                      | North Sea |

*Lophius.*

|     |         |             |                  |            |
|-----|---------|-------------|------------------|------------|
| 173 | Lophius | Vespertilio | Bat Angler       | America    |
| 174 |         | Histrio     | Harlequin ditto  | S. America |
| 175 |         | His.        | Four young ditto | Ib.        |

*Acipenser:*

|     |           |        |                 |             |
|-----|-----------|--------|-----------------|-------------|
| 176 | Acipenser | Sturio | Common Sturgeon | Caspian Sea |
|-----|-----------|--------|-----------------|-------------|

*Balistes.*

|     |          |            |                   |            |
|-----|----------|------------|-------------------|------------|
| 177 | Balistes | Monoceros  | Unicorn File-fish | S. America |
| 178 |          | Verrucosus | Warted ditto      | India      |



*Ostracion.*

|     |           |          |                   |         |
|-----|-----------|----------|-------------------|---------|
| 179 | Ostracion | Cornutus | Horned Trunk-fish | India   |
| 180 |           | Trigonus | Trigonal ditto    | Pacific |

*Tetrodon.*

|     |          |           |                 |       |
|-----|----------|-----------|-----------------|-------|
| 181 | Tetrodon | Oblongus  | Oblong Tetrodon | India |
| 182 |          | Rostratus | Rostrated ditto | Ib.   |

*Diodon.*

|     |        |             |                   |             |
|-----|--------|-------------|-------------------|-------------|
| 183 | Diodon | Hystrix     | Porcupine Diodon  | St. Domingo |
| 184 |        | Atinga      | Oblong ditto      | America     |
| 185 |        | Orbicularis | Round ditto       | Ib.         |
| 186 |        | Orb.        | Ditto ditto young | Ib.         |

*Cyclopterus.*

|     |             |             |                    |             |
|-----|-------------|-------------|--------------------|-------------|
| 187 | Cyclopterus | Lumpus      | Common Lump Sucker | N. Sea      |
| 188 |             | Ventricosus | Ventricose ditto   | Kamtschatka |

*Syngnathus.*

|     |            |             |                   |               |
|-----|------------|-------------|-------------------|---------------|
| 189 | Syngnathus | Typhle      | Smaller Pipe-fish | Europe        |
| 190 |            | Acus        | Greater ditto     | Ib.           |
| 191 |            | Ophidion    | Snake ditto       | Ib.           |
| 192 |            | Hippocampus | Sea Horse ditto   | Mediterranean |



## CLASS IV.

## PISCES.

ORDER I. *Apodes.**Having no Ventral Fins.**Muræna.*

- |   |               |           |        |
|---|---------------|-----------|--------|
| 1 | Muræna Helena | Roman Eel | Europe |
|---|---------------|-----------|--------|

*Ammodytes.*

- |   |                    |             |            |
|---|--------------------|-------------|------------|
| 2 | Ammodytes Tobianus | Sand Launce | North Seas |
|---|--------------------|-------------|------------|

ORDER II. *Jugulares.**Ventral Fins anterior to the Pectoral.**Gadus.*

- |   |                 |                     |        |
|---|-----------------|---------------------|--------|
| 3 | Gadus Callarius | German Cod or Torsk | Baltic |
| 4 | Merlangus       | Whiting             | Europe |
| 5 | Lota            | Eel-pout or Burbot  | Ib.    |

*Blennius.*

- |   |                    |                |     |
|---|--------------------|----------------|-----|
| 6 | Blennius Gunnellus | Spotted Blenny | Ib. |
|---|--------------------|----------------|-----|

ORDER III. *Thoracici.**Ventral Fins placed directly under the Thorax.**Echeneis.*

- |     |                 |                               |            |
|-----|-----------------|-------------------------------|------------|
| 7—8 | Echeneis Remora | Mediterranean Sucking<br>Fish | Europe     |
| 9   | Neucrates       | Indian ditto                  | Mozambique |



*Cottus.*

|    |        |              |                  |               |
|----|--------|--------------|------------------|---------------|
| 10 | Cottus | Cataphractus | Mailed Bull Head | Europe        |
| 11 |        | Scorpius     | Lasher ditto     | Mediterranean |
| 12 |        | Gobio        | River ditto      | Europe        |
| 13 |        | Anguillaris  | Eel shaped ditto | Ib.           |

*Zeus.*

|    |      |       |                              |               |
|----|------|-------|------------------------------|---------------|
| 14 | Zeus | Faber | Common Dory or John<br>Dorée | N. Sea        |
| 15 |      | Aper  | Red ditto                    | Mediterranean |
| 16 |      | Opah  | Opah ditto or King Fish      | Wexford       |

*Pleuronectes.*

|    |              |            |                     |           |
|----|--------------|------------|---------------------|-----------|
| 17 | Pleuronectes | Hippoglos- |                     |           |
|    |              | sus        | Holibut             | North Sea |
| 18 |              | Platessa   | Plaise              | Europe    |
| 19 |              | Flesus     | Flounder            | Ib.       |
| 20 |              | Solea      | Sole                | Ib.       |
| 21 |              | Rhombus    | Pearl               | Ib.       |
| 22 |              | Maximus    | Bret or Turbot      | Ib.       |
| 23 |              | Passer     | Sinistrous Flounder | Ib.       |

*Chætodon.*

|    |          |             |                       |            |
|----|----------|-------------|-----------------------|------------|
| 24 | Chætodon | Alepidotus  | Scaleless Chætodon    | Carolina   |
| 24 |          | Rostratus   | Rostrated ditto       | India      |
| 26 |          | Lineatus    | Lineated ditto        | S. America |
| 27 |          | Capistratus | Butterfly ditto       | Jamaica    |
| 28 |          | Vagabundus  | Wandering ditto       | India      |
| 29 |          | Mesoleucos  | Black and White ditto | Japan      |
| 30 |          | Zebra       | Zebra ditto           | India      |

*Labrus.*

|    |        |            |                        |          |
|----|--------|------------|------------------------|----------|
| 31 | Labrus | Marginalis | Double streaked Wrasse | Atlantic |
|----|--------|------------|------------------------|----------|

*Perca.*

|    |       |             |              |        |
|----|-------|-------------|--------------|--------|
| 32 | Perca | Fluviatilis | Common Perch | Europe |
| 33 |       | Cernua      | Ruffe        | Ib.    |

*Gasterosteus.*

|    |              |           |                    |     |
|----|--------------|-----------|--------------------|-----|
| 34 | Gasterosteus | Aculeatus | Common Stickleback | Ib. |
|----|--------------|-----------|--------------------|-----|

*Scomber.*

|    |         |           |                      |          |
|----|---------|-----------|----------------------|----------|
| 35 | Scomber | Scomber   | Common Mackarel      | Atlantic |
| 36 |         | Trachurus | Scad, or Horse ditto | Ib.      |

*Trigla.*

|    |        |           |                                   |        |
|----|--------|-----------|-----------------------------------|--------|
| 37 | Trigla | Hirundo   | Tub Fish or Sapphirine<br>Gurnard | N. Sea |
| 38 |        | Gurnardus | Grey ditto                        | Europe |



39 Trigla Evolans      Springing ditto      Europe

# ORDER IV. *Abdominales.*

*Ventral Fins on the Belly, behind the Thorax.*

## *Cobitis.*

40 Cobitis Barbatula      Bearded Loche or  
Groundling      Europe

## *Silurus.*

41 Silurus Aspredo      Plain Platystaeus, or Si-  
lure      India  
42      Mystus      Mystic Silure      Nile  
43      Galeatus      Helmet ditto      S. America  
44      Clarias      Clarias ditto      Rivers of India  
45      Cataphractus      Armed ditto      S. America

## *Loricaria.*

46 Loricaria Plecostomus      Yellow Loricaria      India  
47      Callicthys      Soldier ditto      Surinam

## *Salmo.*

48 Salmo Salar      Salmon      Europe  
49      Trutta      Salmon Trout      Ib.  
50      Fario      Trout      Ib.  
51      Eperlano-mari-  
nus      Smelt      Ib.  
52      Albula      Silver Trout      Ib.  
53      Thymallus      Grayling or Umber      Ib.  
54      Marcenula      Marcenula Salmon      Ib.

## *Esox.*

55 Esox Lucius      Common Pike      Ib.  
56      Lu.      Ditto variety ditto      Ib.  
57      Lu.      Ditto 3½ feet long      Ireland  
58      Belone      Gar Pike      Ib.  
59      Bel.      Ditto      Ib.

## *Exocoetus.*

60—63 Exocoetus Volitans      Oceanic Flying-fish      Atlantic  
64      Exiliens      Mediterranean ditto      Europe

## *Clupea.*

65 Clupea Harengus      Herring      North Sea  
66      Sprattus      Sprat      Europe  
67      Alosa      Shad      Ib.  
68      Mystus      Mystic Herring      India



*Cyprinus.*

|       |          |             |                                                                                                                                                     |           |
|-------|----------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 69    | Cyprinus | Gobio       | Gudgeon                                                                                                                                             | Europe    |
| 70    |          | Carrassius  | Crusian                                                                                                                                             | Ib.       |
| 71—72 |          | Auratus     | Golden Carp, or Gold-fish                                                                                                                           | Ib.       |
| 73    |          | Phoxinus    | Minnow or Pinkeen                                                                                                                                   | Ib.       |
| 74    |          | Dobula      | Dobule                                                                                                                                              | Ib.       |
| 75    |          | Rutilus     | Roach                                                                                                                                               | Ib.       |
| 76    |          | Rut.        | Ditto remarkably large                                                                                                                              | Ireland   |
| 77    |          | Jeses       | Chub                                                                                                                                                | Europe    |
| 78    |          | Nasus       | Nase                                                                                                                                                | Ib.       |
| 79    |          | Aspius      | Raphe or silvery grey Carp                                                                                                                          | Ib.       |
| 80    |          | Bipunctatus | Bipunctated ditto                                                                                                                                   | Ib.       |
| 81    |          | Brama       | Bream                                                                                                                                               | Ib.       |
| 82    |          | Plestya     | Leskean Carp                                                                                                                                        | Ib.       |
| 83    | .....    |             | Egg of the Ray                                                                                                                                      | .....     |
| 84    | .....    |             | Ditto of the Dog-fish                                                                                                                               | .....     |
| 85    | .....    |             | Ditto of the Squalus Charcharias, White Shark                                                                                                       | .....     |
| 86    | .....    |             | Jaws of the Ray                                                                                                                                     | .....     |
| 87—88 | .....    |             | Snout of the Pristis Antiquorum or Saw-fish                                                                                                         | .....     |
| 89    | .....    |             | Ditto of the Pristis Pectinatus or Pectinated do.                                                                                                   | .....     |
| 90    | .....    |             | Ditto of Ditto, young                                                                                                                               | .....     |
| 91—94 | .....    |             | Jaws of the White Shark                                                                                                                             | .....     |
| 95    | .....    |             | Ditto of the Anarhicas Lupus, Wolf-fish—the grinders of which are frequently found in a fossil state, and are then called Buffonites or Toad stones | .....     |
| 96    | .....    |             | Head of the Squalus Cornubicus or Porbeagle Shark                                                                                                   | .....     |
| 97    | .....    |             | Head of the Xiphias Gladius or Sword-fish                                                                                                           | .....     |
| 98    | .....    |             | Fins of the Oceanic Flying-fish                                                                                                                     | .....     |
| 99    | .....    |             | Tail of a Fish unknown                                                                                                                              | W. Indies |
| 100   | .....    |             | Spine of the Isle of Man Shark                                                                                                                      | .....     |
| 101   | .....    |             | Spawn of the Cod-fish                                                                                                                               | .....     |



## CLASS V.

## INSECTA.

ORDER I. *Eleuterata*.*Having the Jaw naked and free.**Lucanus*.

|                                |         |                |                      |         |
|--------------------------------|---------|----------------|----------------------|---------|
| 1                              | Lucanus | Cervus         | Common Stag Beetle   | Europe  |
| 1 <sup>b</sup>                 |         | Cer. Cap.      | Head of ditto        | Ib.     |
| 2                              |         | Cer. Minor     | Less ditto           | Ib.     |
| 3                              |         | Interruptus    | Interrupted ditto    | America |
| 4                              |         | Parallelopipe- | Parallelopiped ditto |         |
|                                |         | dus            |                      | Europe  |
| 5                              |         | Caraboides     | Clock-like ditto     | Ib.     |
| 5 <sup>b</sup> —5 <sup>c</sup> |         | Car.           | Varieties of ditto   | Ib.     |

*Scarabæus*.1. *Scutellated. Thorax horned.*

|                                  |           |              |                      |            |
|----------------------------------|-----------|--------------|----------------------|------------|
| 6                                | Scarabæus | Actæon       | Brasilian Bullcomber | S. America |
| 7                                |           | Boas         | African ditto        | Africa     |
| 8                                |           | Typhœus      | German ditto         | Europe     |
| 9                                |           | Nasicornis   | Rhinoceros ditto     | Ib.        |
| 10                               |           | Cylindricus  | Cylindrical ditto    | Ib.        |
| 11                               |           | Mobilicornis | Hertfordshire ditto  | England    |
| 11 <sup>b</sup> —11 <sup>c</sup> |           | Hercules     | Hercules ditto       | America    |

2. *Scutellated. Thorax unarmed, Head horned.*

|    |           |             |                   |            |
|----|-----------|-------------|-------------------|------------|
| 12 | Scarabæus | Quadripunc- |                   |            |
|    |           | tatus       | 4-dotted Beetle   | Europe     |
| 13 |           | Fossor      | Little oval ditto | Ib.        |
| 14 |           | Piceus      | Cape ditto        | C. G. Hope |



|       |           |              |                     |               |
|-------|-----------|--------------|---------------------|---------------|
| 15    | Scarabæus | Subterraneus | Subterranean Beetle | <i>Europe</i> |
| 16    |           | Bimaculatus  | Two-spotted ditto   | <i>Ib.</i>    |
| 17    |           | Fimetarius   | Cowdung ditto       | <i>Ib.</i>    |
| 18    |           | Sordidus     | Sordid ditto        | <i>Ib.</i>    |
| 19    |           | Inquinatus   | Saxon ditto         | <i>Ib.</i>    |
| 20    |           | Terrestris   | Ground ditto        | <i>Ib.</i>    |
| 21    |           | Sordens      | Black-headed ditto  | <i>Ib.</i>    |
| 22—23 |           | Nebulosus    | Clouded ditto       | <i>Ib.</i>    |

3. *Scutellated, muticose. Head and Thorax unarmed.*

|    |           |              |                      |               |
|----|-----------|--------------|----------------------|---------------|
| 24 | Scarabæus | Scaber       | Rough Indian Beetle  | <i>India</i>  |
| 25 |           | Stercorarius | Common Clock or Dor  | <i>Europe</i> |
| 26 |           | Vernalis     | Musk Beetle          | <i>Ib.</i>    |
| 27 |           | Rufipes      | Red-Legged ditto     | <i>Ib.</i>    |
| 28 |           | Luridus      | Lurid ditto          | <i>Ib.</i>    |
| 29 |           | 4-Maculatus  | Four spotted ditto   | <i>Ib.</i>    |
| 30 |           | Granarius    | Granary ditto        | <i>Ib.</i>    |
| 31 |           | Merdarius    | Filth ditto          | <i>Ib.</i>    |
| 32 |           | Quisquilius  | Varley of Merdarius  | <i>Ib.</i>    |
| 33 |           | Porcatus     | Furrowed Saxon ditto | <i>Ib.</i>    |
| 34 |           | Lævis        | Smooth ditto         | <i>Ib.</i>    |
| 35 |           | Dichrous     | Bicoloured ditto     | <i>Ib.</i>    |

4. *Not scutellated. Thorax horned.*

|    |           |          |                |               |
|----|-----------|----------|----------------|---------------|
| 36 | Scarabæus | Molosces | Chinese Beetle | <i>India</i>  |
| 37 |           | Fricator | Polished ditto | <i>Ib.</i>    |
| 38 |           | Lunaris  | Lunated ditto  | <i>Europe</i> |
| 39 |           | Lemur    | Lemur ditto    | <i>Ib.</i>    |

5. *Not scutellated. Thorax unarmed, Head horned.*

|    |           |              |                    |              |
|----|-----------|--------------|--------------------|--------------|
| 40 | Scarabæus | Schæfferi    | Schæffer's Beetle  | <i>Ib.</i>   |
| 41 |           | Taurus       | Bull ditto         | <i>Ib.</i>   |
| 42 |           | Taurus minor | Small Bull ditto   | <i>Ib.</i>   |
| 43 |           | Vacca        | Cow ditto          | <i>Ib.</i>   |
| 44 |           | Capra        | Goat ditto         | <i>Ib.</i>   |
| 45 |           | Vitulus      | Calf ditto         | <i>Ib.</i>   |
| 46 |           | Nuchicornis  | Nuchicornis ditto  | <i>Ib.</i>   |
| 47 |           | Spiniger     | Short spined ditto | <i>Ib.</i>   |
| 48 |           | 9-Maculatus  | Nine-spotted ditto | <i>India</i> |

6. *Not scutellated. Unarmed.*

|    |           |           |                   |                     |
|----|-----------|-----------|-------------------|---------------------|
| 49 | Scarabæus | Sacer     | Sacred Beetle     | <i>S. of Europe</i> |
| 50 |           | Pallipes  | Pale legged ditto | <i>Europe</i>       |
| 51 |           | Schrœberi | Schrœber's ditto  | <i>Ib.</i>          |
| 52 |           | Punctatus | Punctured ditto   | <i>Ib.</i>          |
| 53 |           | Guttatus  | Dotted ditto      | <i>Ib.</i>          |



*Trox.*

|    |             |                   |                     |               |
|----|-------------|-------------------|---------------------|---------------|
| 54 | <i>Trox</i> | <i>Miliarius</i>  | Black dotted Beetle | <i>India</i>  |
| 55 |             | <i>Coriacinus</i> | Large dotted ditto  | <i>Ib.</i>    |
| 56 |             | <i>Sabulosus</i>  | Gravel ditto        | <i>Europe</i> |
| 57 |             | <i>Arenarius</i>  | Sand ditto          | <i>Ib.</i>    |

*Melolontha.*

|    |                   |                     |                              |               |
|----|-------------------|---------------------|------------------------------|---------------|
| 58 | <i>Melolontha</i> | <i>Fullo</i>        | Variegated Tree Beetle       | <i>Ib.</i>    |
| 59 |                   | <i>Vulgaris</i>     | Common ditto or Cock-chaffer | <i>Ib.</i>    |
| 60 |                   | <i>Solstitialis</i> | Hoary ditto                  | <i>Ib.</i>    |
| 61 |                   | <i>Frischii</i>     | Frisch's ditto               | <i>Ib.</i>    |
| 62 |                   | <i>Janthina</i>     | Violet ditto                 | <i>Ib.</i>    |
| 63 |                   | <i>Ruficornis</i>   | Rufous-horned ditto          | <i>Ib.</i>    |
| 64 |                   | <i>Fruticola</i>    | Fruit ditto                  | <i>Ib.</i>    |
| 65 |                   | <i>Horticola</i>    | Garden ditto                 | <i>Ib.</i>    |
| 66 |                   | <i>Agricola</i>     | Field ditto                  | <i>Ib.</i>    |
| 67 |                   | <i>Dentipes</i>     | Clawed ditto                 | <i>India</i>  |
| 68 |                   | <i>Crassipes</i>    | Club-legged ditto            | <i>Ib.</i>    |
| 69 |                   | <i>Farinosa</i>     | Farina ditto                 | <i>Europe</i> |
| 70 |                   | <i>Pulverulenta</i> | Dusty ditto                  | <i>Ib.</i>    |
| 71 |                   | <i>Brunnea</i>      | Brown ditto                  | <i>Ib.</i>    |
| 72 |                   | <i>Coriaria</i>     | Dusky violet ditto           | <i>Ib.</i>    |

*Trichius.*

|    |                 |                     |                           |              |
|----|-----------------|---------------------|---------------------------|--------------|
| 73 | <i>Trichius</i> | <i>Fasciatus</i>    | Yellow banded Flat Beetle | <i>Ib.</i>   |
| 74 |                 | <i>Hemipterus</i>   | Common ditto              | <i>Ib.</i>   |
| 75 |                 | <i>Carbonarius</i>  | Hairy black ditto         | <i>India</i> |
| 76 |                 | <i>Unguiculatus</i> | Claw-toed ditto           | <i>Ib.</i>   |

*Cetonia*

|                 |                |                     |                       |               |
|-----------------|----------------|---------------------|-----------------------|---------------|
| 77              | <i>Cetonia</i> | <i>Aurata</i>       | Common Rose Chaffer   | <i>Europe</i> |
| 78              |                | <i>Aur.</i>         | Gilded ditto          | <i>Ib.</i>    |
| 79              |                | <i>Eremita</i>      | Solitary ditto        | <i>Ib.</i>    |
| 80              |                | <i>Variabilis</i>   | Variable ditto        | <i>Ib.</i>    |
| 80 <sup>b</sup> |                | <i>Var.</i>         | Ditto variety, female | <i>Ib.</i>    |
| 81              |                | <i>Nobilis</i>      | Splendid ditto        | <i>Ib.</i>    |
| 81 <sup>b</sup> |                | <i>Nob.</i>         | Purple ditto          | <i>Ib.</i>    |
| 82              |                | <i>Fascicularis</i> | African ditto         | <i>Africa</i> |
| 83              |                | <i>Africana</i>     | Ditto ditto           | <i>Ib.</i>    |
| 84              |                | <i>Capensis</i>     | Cape ditto            | <i>Ib.</i>    |
| 85              |                | <i>Hirta</i>        | Hairy ditto           | <i>Europe</i> |
| 86              |                | <i>Stictica</i>     | French ditto          | <i>Ib.</i>    |

*Hister.*

|    |               |                   |                     |            |
|----|---------------|-------------------|---------------------|------------|
| 87 | <i>Hister</i> | <i>Unicolor</i>   | Common Mimic Beetle | <i>Ib.</i> |
| 88 |               | <i>4-Maculata</i> | Four-spotted ditto  | <i>Ib.</i> |



|    |        |                |                          |        |
|----|--------|----------------|--------------------------|--------|
| 89 | Hister | 5-Punctatus    | Five-dotted Mimic Beetle | Europe |
| 90 |        | Unicolor minor | Small common ditto       | Ib.    |
| 91 |        | Bimaculatus    | Two-spotted ditto        | Ib.    |
| 92 |        | Depressus      | Depressed ditto          | Ib.    |
| 93 |        | Detritus       | Flat ditto               | Ib.    |

*Apate.*

|    |       |           |                |     |
|----|-------|-----------|----------------|-----|
| 94 | Apate | Hamatus   | Hooked Apate   | Ib. |
| 95 |       | Capucinus | Capuchin ditto | Ib. |

*Dermestes.*

|                  |           |             |                      |     |
|------------------|-----------|-------------|----------------------|-----|
| 96               | Dermestes | Lardarius   | Bacon fly            | Ib. |
| 97               |           | Murinus     | Common Leather-eater | Ib. |
| 98               |           | Tesselatus  | Tesselated ditto     | Ib. |
| 99               |           | Navalis     | Naval ditto          | Ib. |
| 100              |           | Pellis      | Tan-yard ditto       | Ib. |
| 101              |           | Minor       | Minute ditto         | Ib. |
| 102              |           | 20-Guttatus | Twenty-dotted ditto  | Ib. |
| 103              |           | Violaceus   | Purple ditto         | Ib. |
| 104              |           | Undatus     | Waved ditto          | Ib. |
| 105              |           | Fumatus     | Smoked ditto         | Ib. |
| 106              |           | Paniceus    | Bread ditto          | Ib. |
| 107              |           | Fenestralis | Window ditto         | Ib. |
| 108              |           | Testaceus   | Testaceous ditto     | Ib. |
| 108 <sup>b</sup> |           | Ruficornis  | Rufous-horned ditto  | Ib. |

*Bostrichus.*

|     |            |             |                     |     |
|-----|------------|-------------|---------------------|-----|
| 109 | Bostrichus | Typographus | Common Bostrichus   | Ib. |
| 110 |            | Scolytus    | Elm Beetle          | Ib. |
| 111 |            | Crenatus    | Crenate Bostrichus  | Ib. |
| 112 |            | Fuscus      | Brown ditto         | Ib. |
| 113 |            | Pilosus     | Pine or hairy ditto | Ib. |

*Byrrhus.*

|     |         |           |                  |     |
|-----|---------|-----------|------------------|-----|
| 114 | Byrrhus | Pillula   | Convex Byrrhus   | Ib. |
| 115 |         | Varius    | Variegated ditto | Ib. |
| 116 |         | Virescens | Greenish ditto   | Ib. |
| 117 |         | Æneus     | Brassy ditto     | Ib. |

*Anthrenus.*

|                  |           |              |                     |     |
|------------------|-----------|--------------|---------------------|-----|
| 118              | Anthrenus | Scrophularia | Figwort Anthrenus   | Ib. |
| 119              |           | Pimpinella   | Pimpernel ditto     | Ib. |
| 119 <sup>b</sup> |           | Fuscus       | Brown ditto         | Ib. |
| 120              |           | Verbasci     | White Mullein ditto | Ib. |

*Anobium.*

|     |         |        |               |     |
|-----|---------|--------|---------------|-----|
| 121 | Anobium | Fuscum | Dusky Anobium | Ib. |
| 122 |         | Rufum  | Rufous ditto  | Ib. |



|                  |         |                   |                     |               |
|------------------|---------|-------------------|---------------------|---------------|
| 123              | Anobium | Ferrugino-<br>sum | Ferruginous Anobium | <i>Europe</i> |
| 124              |         | Pertinax          | Domestic ditto      | <i>Ib.</i>    |
| 125              |         | Pectinicornes     | Pectinated ditto    | <i>Ib.</i>    |
| 126              |         | Molle             | Tender ditto        | <i>Ib.</i>    |
| 127              |         | Striatulum        | Berlin ditto        | <i>Ib.</i>    |
| 127 <sup>b</sup> |         | Brunneum          | Brown ditto         | <i>Ib.</i>    |

*Ptinus.*

|     |        |         |                 |            |
|-----|--------|---------|-----------------|------------|
| 128 | Ptinus | Fur     | Thief Beetle    | <i>Ib.</i> |
| 129 |        | Latro   | Strasburg ditto | <i>Ib.</i> |
| 130 |        | Apterus | Wingless ditto  | <i>Ib.</i> |

*Bruchus.*

|                  |         |           |                   |                   |
|------------------|---------|-----------|-------------------|-------------------|
| 131              | Bruchus | Niger     | Black Seed Beetle | <i>Ib.</i>        |
| 131 <sup>b</sup> |         | Bactris   | American ditto    | <i>N. America</i> |
| 132              |         | Fuscus    | Brown ditto       | <i>India</i>      |
| 133              |         | Crenatus  | Crenate ditto     | <i>Ib.</i>        |
| 134              |         | Theobromæ | Chocolate ditto   | <i>Ib.</i>        |
| 135              |         | Maculatus | Spotted ditto     | <i>Ib.</i>        |
| 136              |         | Granarius | Common ditto      | <i>Europe</i>     |

*Elophorus.*

|                  |           |                     |                       |            |
|------------------|-----------|---------------------|-----------------------|------------|
| 137              | Elophorus | Aquaticus           | Water Elophorus       | <i>Ib.</i> |
| 137 <sup>b</sup> |           | Coccinelloi-<br>des | Coccinella-like ditto | <i>Ib.</i> |
| 137 <sup>c</sup> |           | Fuscus              | Brown ditto           | <i>Ib.</i> |
| 138              |           | Minutus             | Minute ditto          | <i>Ib.</i> |
| 138 <sup>b</sup> |           | Nubilus             | Grey ditto            | <i>Ib.</i> |

*Sphæridium.*

|                  |            |                    |                      |            |
|------------------|------------|--------------------|----------------------|------------|
| 139              | Sphæridium | Scarabæoi-<br>des  | Beetle-like Sph.     | <i>Ib.</i> |
| 140              |            | Bipustulatum       | Tortoise-shell ditto | <i>Ib.</i> |
| 141              |            | Glabrum            | Smooth ditto         | <i>Ib.</i> |
| 142              |            | Atrum              | Black ditto          | <i>Ib.</i> |
| 143              |            | Hæmorrhoi-<br>dale | Hæmorrhoidal ditto   | <i>Ib.</i> |
| 144              |            | Pulicarium         | Flea-like ditto      | <i>Ib.</i> |
| 144 <sup>b</sup> |            | Atomarium          | Minute ditto         | <i>Ib.</i> |
| 144 <sup>c</sup> |            | Exile              | Least ditto          | <i>Ib.</i> |
| 144 <sup>d</sup> |            | Trilineata         | Brown ditto          | <i>Ib.</i> |

*Tritoma.*

|     |         |             |                      |            |
|-----|---------|-------------|----------------------|------------|
| 145 | Tritoma | Bipustulata | Two-pustuled Tritoma | <i>Ib.</i> |
| 146 |         | 4-Pustulata | Four-pustuled ditto  | <i>Ib.</i> |
| 147 |         | Rufifrons   | Red-headed ditto     | <i>Ib.</i> |



*Ips.*

148 *Ips Rufipes* Red-legged *Ips* Europe

*Hispa.*

149 *Hispa Atra* Black Spinous Beetle Ib.

150 *Mutica* Muticose ditto Ib.

*Nicrophorus.*

151 *Nicrophorus Germanicus* German Corpse Carrier Ib.

152 *Vulgaris* Common ditto Ib.

*Silpha.*

153 *Silpha Littoralis* Common Carrion Beetle Ib.

154 *Lunata* Lunated ditto Ib.

154<sup>b</sup> *Punctata* Punctated ditto Ib.

155 *Thoracica* Thoracic ditto Ib.

156 *Lævigata* Smooth-shelled ditto Ib.

157 *Atrata* Black ditto Ib.

158 *Quadripunctata* Four-dotted ditto Ib.

159 *Pædemontana* Italian ditto Ib.

160 *Sinuata* Sinuate ditto Ib.

161 *Rugosa* Wrinkled ditto Ib.

162 *Opaca* Brown ditto Ib.

163 *Ferruginea* Ferruginous ditto Ib.

164 *Dentata* Denticulated ditto Ib.

165 *Oblonga* Oblong ditto Ib.

166 *Colon* Colon ditto Ib.

167 *Undata* Waved ditto Ib.

168 *4-Pustulata* Australasian ditto Ib.

169 *Testacea* Testaceous ditto Ib.

170 *Æstiva* Summer ditto Ib.

171 *Multicolor* Many-coloured ditto Ib.

172 *Leskeana* Leskean ditto Ib.

173 *Nebulosa* Clouded ditto Ib.

174 *Rufipes* Variety of 172 Ib.

174<sup>b</sup> *Rubiginosa* Rusty ditto Ib.

174<sup>c</sup> *Squalida* Squalid ditto Ib.

174<sup>d</sup> *Pallipes* Pale-legged ditto Ib.

174<sup>e</sup> *Fusca* Brown ditto Ib.

174<sup>f</sup> *Striatula* Streaked ditto Ib.

174<sup>g</sup> *Tricolor* Tricoloured ditto Ib.

*Opatrum.*

175 *Opatrum Sabulosum* American Sand Beetle Ib.

176 *Quadripustula-*  
*tum* Four-dotted ditto Ib.

177 *Tibiale* Swedish ditto Ib.

178 *Testaceum* Testaceous ditto Ib.

179 *Brunneum* Reddish-brown ditto Ib.



*Nitidula.*

|     |                     |                    |        |
|-----|---------------------|--------------------|--------|
| 180 | Nitidula Ferruginea | Puff-ball Nitidula | Europe |
| 181 | Hirta               | Hairy ditto        | Ib.    |

*Coccinella.*

|                  |                     |                          |     |
|------------------|---------------------|--------------------------|-----|
| 182              | Coccinella Ocellata | Ocellate Lady Fly        | Ib. |
| 183              | 7-Punctata          | Seven-dotted ditto       | Ib. |
| 183 <sup>b</sup> | 7-Punc. var.        | Variety of former        | Ib. |
| 184              | 18-Punctata         | Eighteen-dotted ditto    | Ib. |
| 185              | Bipunctata          | Two-dotted ditto         | Ib. |
| 186              | 5-Punctata          | Five-dotted ditto        | Ib. |
| 187              | 13-Punctata         | Thirteen-dotted ditto    | Ib. |
| 188              | Albata              | Variously dotted ditto   | Ib. |
| 189              | 7-Punctata          | Variety of 183           | Ib. |
| 190              | Impunctata          | Plain ditto              | Ib. |
| 191              | 7-Puncta            | Common ditto             | Ib. |
| 192              | 12-Punctata         | Twelve-dotted ditto      | Ib. |
| 193              | 9-Punctata          | Nine-dotted ditto        | Ib. |
| 194              | 11-Ppunctata        | Eleven-dotted ditto      | Ib. |
| 195              | 10-Punctata         | Ten-dotted ditto         | Ib. |
| 196              | 24-Punctata         | Twenty-four-dotted ditto | Ib. |
| 197              | Annuilata           | Ringed ditto             | Ib. |
| 198              | Conglobata          | Round ditto              | Ib. |
| 199              | Conglomerata        | Ditto ditto              | Ib. |
| 200              | 14-Maculata         | Fourteen-spotted ditto   | Ib. |
| 201              | 6-Maculata          | Six-spotted ditto        | Ib. |
| 202              | Hieroglyphica       | Hieroglyphic ditto       | Ib. |
| 203              | 20-Punctata         | Twenty-dotted ditto      | Ib. |
| 204              | 12-Punctata         | Twelve-dotted ditto      | Ib. |
| 205              | Oblongo-guttata     | Oblong-dropped ditto     | Ib. |
| 206              | 16-Guttata          | Sixteen-dropped ditto    | Ib. |
| 207              | 14-Guttata          | Fourteen-dropped ditto   | Ib. |
| 208              | 10-Guttata          | Ten-dropped ditto        | Ib. |
| 209              | 18-Guttata          | Eighteen-dropped ditto   | Ib. |
| 210              | 12-Guttata          | Twelve-dropped ditto     | Ib. |
| 211              | Impunctata          | Plain ditto              | Ib. |
| 212              | Tigrina             | Tiger-shelled ditto      | Ib. |
| 213              | Cacti               | Cactus ditto             | Ib. |
| 214              | 6-Pustulata         | Six-pustuled ditto       | Ib. |
| 215              | 3-Pustulata         | Tripustuled ditto        | Ib. |
| 216              | 4-Pustulata         | Four-pustuled ditto      | Ib. |
| 217              | Lunulata            | Lunated ditto            | Ib. |
| 218              | 2-Pustulata         | Bipustuled ditto         | Ib. |
| 219              | Limbata             | Embroidered ditto        | Ib. |
| 220              | Erythrocephala      | Red-headed ditto         | Ib. |
| 221              | Impustulata         | Unmarked ditto           | Ib. |



|     |                         |                            |            |
|-----|-------------------------|----------------------------|------------|
| 222 | Coccinella 14-Pustulata | Fourteen-Pustuled Lady-Fly | Europe     |
| 223 | Leucocephala            | White-headed ditto         | Ib.        |
| 224 | Nigra                   | Black ditto                | Ib.        |
| 225 | Rubra                   | Ruddy ditto                | Ib.        |
| 226 | Fasciata                | Banded ditto               | N. America |

*Cassida.*

|     |                 |                       |         |
|-----|-----------------|-----------------------|---------|
| 227 | Cassida Viridis | Green Tortoise Beetle | Europe  |
| 228 | Annulata        | Ringed ditto          | Cayenne |
| 229 | Reticulata      | Reticulated ditto     | America |
| 230 | Marginata       | Bordered ditto        | India   |
| 231 | Muricea         | Black-spotted ditto   | Europe  |
| 232 | Nebulosa        | Clouded ditto         | Ib.     |
| 233 | Affinis         | Grey-dotted ditto     | Ib.     |
| 234 | Vibex           | Greenish German ditto | Ib.     |
| 235 | Nobilis         | Thistle ditto         | Ib.     |
| 236 | Rubiginosa      | Ferruginous ditto     | Ib.     |
| 237 | Nitens          | Shining-black ditto   | Ib.     |
| 238 | Superba         | Superb ditto          | Ib.     |

*Chrysomela.*

|     |                        |                             |            |
|-----|------------------------|-----------------------------|------------|
| 239 | Chrysomela Tenebricosa | Black Golden-honey Beetle   | Ib.        |
| 240 | Goettingensis          | Gottingen ditto             | Ib.        |
| 241 | Surinamensis           | Surinam ditto               | S. America |
| 242 | Vittata                | Yellow-banded ditto         | Ib.        |
| 243 | Fuscipes               | Violet ditto                | Europe     |
| 244 | Hæmoptera              | Red-winged ditto            | Ib.        |
| 245 | Populi                 | Poplar ditto                | Ib.        |
| 246 | Staphylæa              | Staphylea ditto             | Ib.        |
| 247 | Polita                 | Polished ditto              | Ib.        |
| 248 | Striata                | Striated ditto              | Ib.        |
| 249 | Boleti                 | Boletus ditto               | Ib.        |
| 250 | Collaris               | Willow ditto                | Ib.        |
| 251 | 10-Punctata            | Ten-dotted ditto            | Ib.        |
| 252 | Pallida                | Pale ditto                  | Ib.        |
| 253 | Gloriosa               | Splendid Italian ditto      | Ib.        |
| 254 | Fastuosa               | Lamium ditto                | Ib.        |
| 255 | Cupræa                 | Coppery ditto               | Ib.        |
| 256 | Cerealis               | Butcher's-Broom ditto       | Ib.        |
| 257 | Erythroptera           | Red-winged ditto            | Ib.        |
| 258 | Graminis               | Greenish ditto              | Ib.        |
| 259 | Speciosa               | Beautiful ditto             | Ib.        |
| 260 | 5-Maculata             | Five-spotted ditto          | Ib.        |
| 261 | Violacea               | Purple ditto                | Ib.        |
| 262 | Alni                   | Alder ditto                 | Ib.        |
| 263 | Bicolor                | Bicoloured ditto            | Ib.        |
| 264 | 20-Punctata            | Twenty-dotted ditto         | Ib.        |
| 265 | Cyanomelas             | Blueish-black ditto         | Ib.        |
| 266 | 10 Notata              | Ditto with ten rows of dots | Ib.        |



|     |                        |                                            |        |
|-----|------------------------|--------------------------------------------|--------|
| 267 | Chrysomela Subpunctata | Faintly punctured Gold-<br>en-honey Beetle | Europe |
| 268 | Sanguinolenta          | Yellow-bordered ditto                      | Ib.    |
| 269 | Limbata                | Red-bordered ditto                         | Ib.    |
| 270 | Erythromelas           | Black and red ditto                        | Ib.    |
| 271 | Aucta                  | Blue and red ditto                         | Ib.    |
| 272 | Rustica                | Rustic ditto                               | Ib.    |
| 273 | Tanaceti               | Tansy ditto                                | Ib.    |
| 274 | Sophiæ                 | Sophia ditto                               | Ib.    |
| 275 | Luteicornis            | Yellow-horned ditto                        | Ib.    |
| 276 | Subpunctata            | Black-bronzed ditto                        | Ib.    |
| 277 | Crassipes              | Club-legged ditto                          | Ib.    |
| 278 | Halensis               | German ditto                               | Ib.    |
| 279 | Armoraciæ              | Armorica ditto                             | Ib.    |
| 280 | Dichroa                | Pied ditto                                 | Ib.    |
| 281 | Elegans                | Elegant ditto                              | Ib.    |
| 282 | Ruficollis             | Red-necked ditto                           | Ib.    |
| 283 | Vulgatissima           | Common ditto                               | Ib.    |
| 284 | Marginella             | Red-tipped ditto                           | Ib.    |
| 285 | Melanostoma            | Black-mouthed ditto                        | Ib.    |
| 286 | Janthina               | Violet ditto                               | Ib.    |
| 287 | Bimacularis            | Two-spotted ditto                          | Ib.    |

### *Cryptocephalus.*

#### *1. The Antennæ serrated.*

|     |                         |                            |         |
|-----|-------------------------|----------------------------|---------|
| 288 | Cryptocephalus Longipes | Long-legged Cryptocephalus | Ib.     |
| 289 | 4-Punctatus             | Four-dotted ditto          | Ib.     |
| 290 | Auritus                 | Saxon ditto                | Ib.     |
| 291 | Tridentatus             | Three-toothed ditto        | Ib.     |
| 292 | Longimanus              | Mountain-Trefoil ditto     | Ib.     |
| 293 | Bimaculatus             | Two-spotted ditto          | Ib.     |
| 294 | Cyaneus                 | Blue ditto                 | France  |
| 295 | 4-Maculatus             | Four-spotted ditto         | Saxony  |
| 296 | Bucephalus              | Bucephalus ditto           | Ib.     |
| 297 | Scopolinus              | Scopolius ditto            | America |

#### *2. The Antennæ filiform.*

|                  |                         |                   |        |
|------------------|-------------------------|-------------------|--------|
| 298              | Cryptocephalus Cæruleus | Cerulean ditto    | Africa |
| 298 <sup>b</sup> | Cyanocephalus           | Blue-headed ditto | Ib.    |
| 299              | Sericeus                | Satin ditto       | Europe |
| 300              | Coryli                  | Hazel ditto       | Ib.    |
| 301              | Vitis                   | Vine-eating ditto | Ib.    |
| 302              | Bipunctatus             | Two-dotted ditto  | Ib.    |



|                  |                |               |                             |        |
|------------------|----------------|---------------|-----------------------------|--------|
| 303              | Cryptocephalus | Cordiger      | Heart-shaped Cryptocephalus | Europe |
| 304              |                | 6-Punctatus   | Six-dotted ditto            | Ib.    |
| 305              |                | Bipustulatus  | Chrysanthemum ditto         | Ib.    |
| 306              |                | Flavifrons    | Yellow-faced ditto          | Ib.    |
| 307              |                | Labiatus      | Rose-tree ditto             | Ib.    |
| 308              |                | Moræi         | Moræus ditto                | Ib.    |
| 308 <sup>b</sup> |                | Nitens        | Shining ditto               | Ib.    |
| 309              |                | Flavilabris   | Birch ditto                 | Ib.    |
| 310              |                | Fuscatus      | Brown ditto                 | Ib.    |
| 311              |                | Flavipes      | Yellow-legged ditto         | Ib.    |
| 312              |                | Ochrocephalus | Yellow-headed ditto         | Ib.    |
| 313              |                | 10-Punctatus  | Ten-dotted ditto            | Ib.    |
| 314              |                | Suturalis     | Seamed ditto                | Ib.    |
| 315              |                | Chrysopus     | Golden-legged ditto         | Ib.    |

*Altica.*

|     |        |              |                     |     |
|-----|--------|--------------|---------------------|-----|
| 316 | Altica | Rufipes      | Mallow Earth Flea   | Ib. |
| 317 |        | Oleracea     | Bluish green ditto  | Ib. |
| 318 |        | Atra         | Black German ditto  | Ib. |
| 319 |        | Hæmispherica | Hemispherical ditto | Ib. |
| 320 |        | Testacea     | Testaceous ditto    | Ib. |
| 321 |        | Exoleta      | Bugloss ditto       | Ib. |
| 322 |        | Hyosciami    | Henbane ditto       | Ib. |
| 323 |        | Nitidula     | Willow ditto        | Ib. |
| 324 |        | Picipes      | Brown-legged ditto  | Ib. |
| 325 |        | Concolor     | Bronzed ditto       | Ib. |
| 326 |        | Anglica      | English ditto       | Ib. |
| 327 |        | Atricilla    | Blackish ditto      | Ib. |
| 328 |        | Tabida       | Pale ditto          | Ib. |
| 329 |        | Nemorum      | Wood ditto          | Ib. |
| 330 |        | Helxinis     | Brassy green ditto  | Ib. |
| 331 |        | Crenata      | Crenate ditto       | Ib. |
| 332 |        | Discolor     | Brownish ditto      | Ib. |
| 333 |        | Annulata     | Ringed ditto        | Ib. |

*Cistela.*

|     |         |             |                   |     |
|-----|---------|-------------|-------------------|-----|
| 334 | Cistela | Ceramboides | Capricorn Cistela | Ib. |
| 335 |         | Capucina    | Capuchin ditto    | Ib. |
| 336 |         | Sulphurea   | Yellow ditto      | Ib. |
| 337 |         | Conspersa   | Sprinkled ditto   | Ib. |
| 338 |         | Sulphurata  | Yellowish ditto   | Ib. |
| 339 |         | Truncata    | Truncated ditto   | Ib. |
| 340 |         | Brunnea     | Brown ditto       | Ib. |
| 341 |         | Murina      | Murine ditto      | Ib. |
| 342 |         | Cervina     | Cervine ditto     | Ib. |

*Crioceris.*

|     |           |         |                      |     |
|-----|-----------|---------|----------------------|-----|
| 343 | Crioceris | Nymphæa | Water-Lily Crioceris | Ib. |
| 344 |           | Capræa  | Goats'-Willow ditto  | Ib. |



|     |           |                |                     |        |
|-----|-----------|----------------|---------------------|--------|
| 345 | Crioceris | Lineola        | Lineated Crioceris  | Europe |
| 346 |           | Calvariensis   | Calvarian ditto     | Ib.    |
| 347 |           | Tenella        | Delicate ditto      | Ib.    |
| 348 |           | Sanguinea      | Sanguineous ditto   | Ib.    |
| 349 |           | Merdigera      | Merdigerous ditto   | Ib.    |
| 350 |           | 12-Punctata    | 12-dotted ditto     | Ib.    |
| 351 |           | Asparagi       | Asparagus ditto     | Ib.    |
| 352 |           | Phellandrii    | Phellandrium ditto  | Ib.    |
| 353 |           | Melanopa       | Blue ditto          | Ib.    |
| 354 |           | Tricolor       | Tricoloured ditto   | Ib.    |
| 355 |           | Melanophthalma | Black-eyed ditto    | Ib.    |
| 356 |           | Gibba          | Gibbous ditto       | Ib.    |
| 357 |           | Fuliginosa     | Dusky ditto         | Ib.    |
| 358 |           | Ochropa        | Yellow-legged ditto | Ib.    |
| 359 |           | Cyanella       | Bluish ditto        | Ib.    |
| 360 |           | Rufipes        | Red-legged ditto    | Ib.    |

*Erotylus.*

|     |          |            |                      |             |
|-----|----------|------------|----------------------|-------------|
| 361 | Erotylus | Morio      | New Holland Erotylus | New Holland |
| 362 |          | Caraboides | Carabus-like ditto   | Europe      |

*Lagria.*

|         |        |           |                   |     |
|---------|--------|-----------|-------------------|-----|
| 363     | Lagria | Hirta     | Soap-plant Lagria | Ib. |
| 364—365 |        | Elongata  | Long ditto        | Ib. |
| 366     |        | Pubescens | Downy ditto       | Ib. |

*Curculio.*

1. *Snout longer than the Thorax. Thighs unarmed.*

|                  |          |               |                      |        |
|------------------|----------|---------------|----------------------|--------|
| 367              | Curculio | Palmarum      | Palm Weevil          | India  |
| 368              |          | Exoticus      | Exotic ditto         | Ib.    |
| 369              |          | Paraplecticus | Staggers ditto       | Europe |
| 370              |          | Bardanae      | Burdock ditto        | Ib.    |
| 371              |          | Colon         | Colon ditto          | Ib.    |
| 371 <sup>b</sup> |          | Bimaculatus   | Two-spotted ditto    | Ib.    |
| 372              |          | Pini          | Pine ditto           | Ib.    |
| 373              |          | Crassipes     | Club-legged ditto    | Ib.    |
| 374              |          | Brachypterus  | Short-winged ditto   | Ib.    |
| 375              |          | Equiseti      | Horse-tail ditto     | Ib.    |
| 376              |          | Cuprirostris  | Copper-nosed ditto   | Ib.    |
| 377              |          | Betulæ        | Birch ditto          | Ib.    |
| 378              |          | Populi        | Poplar ditto         | Ib.    |
| 379              |          | Undatus       | Waved ditto          | Ib.    |
| 380              |          | Atomarius     | Small-speckled ditto | Ib.    |
| 381              |          | Coccineus     | Scarlet ditto        | Ib.    |
| 382              |          | Polygoni      | Knot Grass ditto     | Ib.    |
| 383              |          | Vittatus      | Banded ditto         | Ib.    |



|     |          |                |                       |        |
|-----|----------|----------------|-----------------------|--------|
| 384 | Curculio | Suturalis      | Sutural Weevil        | Europe |
| 385 |          | Erythropus     | Red-shanked ditto     | Ib.    |
| 386 |          | Æquatus        | Equated ditto         | Ib.    |
| 387 |          | Purpureus      | Purple ditto          | Ib.    |
| 388 |          | Chalybeus      | Brassy ditto          | Ib.    |
| 389 |          | Curvirostris   | Crooked-nosed ditto   | Ib.    |
| 390 |          | Crenulatus     | Crenulated ditto      | Ib.    |
| 391 |          | Foveolatus     | Greenish-golden ditto | Ib.    |
| 392 |          | Virens         | Green ditto           | Ib.    |
| 393 |          | Crassicornis   | Large-horned ditto    | Ib.    |
| 394 |          | T-Album        | White-T ditto         | Ib.    |
| 395 |          | Pruni          | Cherry ditto          | Ib.    |
| 396 |          | Alliariæ       | Erysemum ditto        | Ib.    |
| 397 |          | Aterrimus      | Black ditto           | Ib.    |
| 398 |          | Glabratus      | Smooth ditto          | Ib.    |
| 399 |          | Minutus        | Minute ditto          | Ib.    |
| 400 |          | Striatulus     | Striated ditto        | Ib.    |
| 401 |          | Viscaria       | Campion ditto         | Ib.    |
| 402 |          | Badensis       | Baden ditto           | Ib.    |
| 403 |          | Flavipes       | Yellow-legged ditto   | Ib.    |
| 404 |          | Campanulæ      | Bell-flower ditto     | Ib.    |
| 405 |          | Rugosus        | Wrinkled ditto        | Ib.    |
| 406 |          | Cupreus        | Coppery ditto         | Ib.    |
| 407 |          | Crinitus       | Hairy ditto           | Ib.    |
| 408 |          | Pericarpus     | Pericarp ditto        | Ib.    |
| 409 |          | Acridulus      | Tetradynamious ditto  | Ib.    |
| 410 |          | 4-Maculatus    | Four-spotted ditto    | Ib.    |
| 411 |          | 4-Tuberculatus | Four-tubercled ditto  | Ib.    |
| 412 |          | Erysimi        | Hedge Mustard ditto   | Ib.    |
| 413 |          | Craccæ         | Cracca ditto          | Ib.    |
| 414 |          | Cerasi         | Cherry-leaf ditto     | Ib.    |
| 415 |          | Salicariæ      | Willow-herb ditto     | Ib.    |
| 416 |          | Granarius      | Common ditto, or Bond | Ib.    |
| 417 |          | Hæmatopus      | Red-legged ditto      | Ib.    |

2. Snout longer than the Thorax. Thighs toothed.

|     |          |              |                      |     |
|-----|----------|--------------|----------------------|-----|
| 418 | Curculio | Germanus     | German Weevil        | Ib. |
| 419 |          | Abietis      | Fir ditto            | Ib. |
| 420 |          | Lapathi      | Dock ditto           | Ib. |
| 421 |          | Scrophulariæ | Fig-wort ditto       | Ib. |
| 422 |          | Violaceus    | Violet ditto         | Ib. |
| 423 |          | Reticularis  | Reticulated ditto    | Ib. |
| 424 |          | Druparum     | Wild-Cherry ditto    | Ib. |
| 425 |          | Nucum        | Nut ditto            | Ib. |
| 426 |          | Subfasciatus | Faintly-banded ditto | Ib. |
| 427 |          | Tricolor     | Tricoloured ditto    | Ib. |
| 428 |          | 5-Punctatus  | 5-dotted ditto       | Ib. |



|     |          |               |                   |         |
|-----|----------|---------------|-------------------|---------|
| 429 | Curculio | Aterrimus     | Deep-black Weevil | Europe? |
| 430 |          | Pomorum       | Apple ditto       | Ib.     |
| 431 |          | Dentatus      | Toothed ditto     | Ib.     |
| 432 |          | Acutus        | Acute ditto       | Ib.     |
| 433 |          | Tortrix       | Poplar-leaf ditto | Ib.     |
| 434 |          | Cinerascens   | Pale Ash ditto    | Ib.     |
| 435 |          | Muricatus     | Rough ditto       | Ib.     |
| 436 |          | Cinereus      | Cinereous ditto   | Ib.     |
| 437 |          | Amænus        | Pretty ditto      | Ib.     |
| 438 |          | Cerasorum     | Cherry ditto      | Ib.     |
| 439 |          | Bipunctulatus | Two-dotted ditto  | Ib.     |

3. *Snout longer than the Thorax. Hind thighs formed for leaping.*

|     |          |               |                     |         |
|-----|----------|---------------|---------------------|---------|
| 440 | Curculio | Pilosus       | Hairy Weevil        | England |
| 441 |          | Multidentatus | Many-toothed ditto  | Ib.     |
| 442 |          | Fagi          | Beech-leaf ditto    | Ib.     |
| 443 |          | Salicis       | Willow-flower ditto | Ib.     |

4. *Snout shorter than the Thorax. Thighs unarmed.*

|     |          |               |                                   |        |
|-----|----------|---------------|-----------------------------------|--------|
| 444 | Curculio | Imperialis    | Imperial Weevil or Diamond Beetle | India  |
| 445 |          | Carinatus     | Carinated ditto                   | Ib.    |
| 446 |          | Sulcirostris  | Furrowed-nosed ditto              | Europe |
| 447 |          | Nebulosus     | Clouded ditto                     | Ib.    |
| 448 |          | Capistratus   | C. G. Hope ditto                  | Africa |
| 449 |          | Crassirostris | Thick-snouted ditto               | Europe |
| 450 |          | Dealbatus     | Powdered ditto                    | Ib.    |
| 451 |          | Latirostris   | Broad-snouted ditto               | Ib.    |
| 452 |          | Albinus       | Albino ditto                      | Ib.    |
| 453 |          | Albidus       | Whitish ditto                     | Ib.    |
| 454 |          | Viridis       | Green ditto                       | Ib.    |
| 455 |          | Incanus       | Brown ditto                       | Ib.    |
| 456 |          | Incineratus   | Black-banded ditto                | Ib.    |
| 457 |          | Niger         | Dark ditto                        | Ib.    |
| 458 |          | Punctatus     | Dotted ditto                      | Ib.    |
| 459 |          | Planirostris  | Flat-nosed ditto                  | Ib.    |
| 460 |          | 3-Guttatus    | Three-spotted ditto               | Ib.    |
| 461 |          | Varius        | Varied ditto                      | Ib.    |
| 462 |          | Tristis       | Deep-browned ditto                | Ib.    |
| 463 |          | Nævius        | Club-nosed ditto                  | Ib.    |
| 464 |          | Splendidus    | Splendid ditto                    | Ib.    |
| 465 |          | Coracinus     | Raven-black ditto                 | Ib.    |
| 466 |          | Latirostris   | Broad-snouted ditto               | Ib.    |
| 467 |          | Hirtus        | Rough ditto                       | Ib.    |
| 468 |          | Hispidulus    | Roughish ditto                    | Ib.    |
| 469 |          | Undatus       | Waved ditto                       | Ib.    |
| 470 |          | Rugatus       | Rugged ditto                      | Ib.    |



|     |          |              |                      |        |
|-----|----------|--------------|----------------------|--------|
| 471 | Curculio | Infuscatus   | Brownish Weevil      | Europe |
| 472 |          | Obsoletus    | Grey-brown ditto     | Ib.    |
| 473 |          | Subrufus     | Reddish ditto        | Ib.    |
| 474 |          | Lineatus     | Lineated ditto       | Ib.    |
| 475 |          | Clavipes     | Club-legged ditto    | Ib.    |
| 476 |          | Scabriculus  | Hispid ditto         | Ib.    |
| 477 |          | Coryli       | Hazel-nut ditto      | Ib.    |
| 478 |          | Exoletus     | Defaced ditto        | Ib.    |
| 479 |          | Nubilus      | Grey-clouded ditto   | Ib.    |
| 480 |          | Ruficornis   | Red-horned ditto     | Ib.    |
| 481 |          | Tenebricosus | Black-bronzed ditto  | Ib.    |
| 482 |          | Lutosus      | Yellow ditto         | Ib.    |
| 483 |          | Chloropus    | Green-legged ditto   | Ib.    |
| 484 |          | Marginellus  | White-bordered ditto | Ib.    |

5. Snout shorter than the Thorax. Thighs toothed.

|     |          |              |                      |     |
|-----|----------|--------------|----------------------|-----|
| 485 | Curculio | Ligustici    | Lovage Weevil        | Ib. |
| 486 |          | Nubilus      | Shaded ditto         | Ib. |
| 487 |          | Sulcatus     | Furrowed ditto       | Ib. |
| 488 |          | Vagus        | Wandering ditto      | Ib. |
| 489 |          | Nigrita      | Blackened ditto      | Ib. |
| 490 |          | Granulosus   | Roughly-dotted ditto | Ib. |
| 491 |          | Leprosus     | Leprous ditto        | Ib. |
| 492 |          | Leskii       | Leskean ditto        | Ib. |
| 493 |          | Chrysosticta | Golden-spotted ditto | Ib. |
| 494 |          | Pyri         | Pear Tree ditto      | Ib. |
| 495 |          | Argentatus   | Silvered ditto       | Ib. |
| 496 |          | Ovatus       | Rose Tree ditto      | Ib. |
| 497 |          | Oblongus     | Oblong ditto         | Ib. |
| 498 |          | Cervinus     | Cervine ditto        | Ib. |
| 499 |          | Mali         | Apple ditto          | Ib. |
| 500 |          | Argenteus    | Silvery-green ditto  | Ib. |
| 501 |          | Hæmorrhous   | Greenish-brown ditto | Ib. |

*Attelabus.*

|     |           |                |                      |     |
|-----|-----------|----------------|----------------------|-----|
| 502 | Attelabus | Coryli         | Hazel-leaf Attelabus | Ib. |
| 503 |           | Curculionoides | Weevil-like ditto    | Ib. |
| 504 |           | Bicoloratus    | Black and red ditto  | Ib. |
| 505 |           | Denigratus     | Black ditto          | Ib. |
| 506 |           | Erythropterus  | Red-winged ditto     | Ib. |
| 507 |           | Betulæ         | White-Beech ditto    | Ib. |

*Clerus.*

|     |        |             |                    |     |
|-----|--------|-------------|--------------------|-----|
| 508 | Clerus | Apiarius    | Beehive Clerus     | Ib. |
| 509 |        | Mutillarius | Mutillary ditto    | Ib. |
| 510 |        | Formicarius | Emmet ditto        | Ib. |
| 511 |        | 4-Maculatus | Four-spotted ditto | Ib. |



*Notoxus.*

|                  |                |               |        |
|------------------|----------------|---------------|--------|
| 512              | Notoxus Mollis | Downy Notoxus | Europe |
| 512 <sup>b</sup> | Monoceros      | Unicorn ditto | Ib.    |

*Spondylis.*

|     |                        |                          |     |
|-----|------------------------|--------------------------|-----|
| 513 | Spondylis Buprestoides | Buprestis-like Spondylis | Ib. |
| 514 | Ceramboides            | Cerambyx-like ditto      | Ib. |

*Prionus.*

|                  |                    |                     |            |
|------------------|--------------------|---------------------|------------|
| 515              | Prionus Longimanus | Long-armed Prionus  | S. America |
| 515 <sup>b</sup> | Cinnamomeus        | Cinnamon ditto      | Ib.        |
| 516              | Spinibarbis        | Spinous-jawed ditto | Ib.        |
| 517              | Coriarius          | Leather ditto       | Ib.        |
| 518              | Depsarius          | Swedish ditto       | Ib.        |
| 519              | Planatus           | Flattened ditto     | Ib.        |

*Cerambyx.*

|                  |                |                           |            |
|------------------|----------------|---------------------------|------------|
| 520              | Cerambyx Heros | Oak Capricorn Beetle      | Ib.        |
| 521              | Alpinus        | Alpine ditto              | Ib.        |
| 521 <sup>b</sup> | Succinctus     | Brasilian ditto           | S. America |
| 522              | Moschatus      | Goatchaffer or Musk ditto | Europe     |
| 523              | Cerdo          | Tanner ditto              | Ib.        |
| 524              | Ædilis         | Long-horned ditto         | Ib.        |
| 525              | Varius         | Variegated ditto          | Ib.        |
| 526              | Nebulosus      | Clouded ditto             | Ib.        |
| 527              | Hispidus       | Hairy ditto               | Ib.        |
| 528              | Fasciculatus   | Fasciculated ditto        | Ib.        |

*Lamia.*

|     |                |                     |        |
|-----|----------------|---------------------|--------|
| 529 | Lamia Capensis | C. G. Hope Lamia    | Africa |
| 530 | Oculator       | Oculator ditto      | Ib.    |
| 531 | Textor         | Weaver ditto        | Europe |
| 532 | Sartor         | Taylor ditto        | Ib.    |
| 533 | Sutor          | Cobler ditto        | Ib.    |
| 534 | Trifascialis   | Three-banded ditto  | India  |
| 535 | Lutetus        | Yellow ditto        | Ib.    |
| 536 | Kaehleri       | Kaehler's ditto     | Europe |
| 537 | Curculionoides | Curculio-like ditto | Ib.    |
| 538 | Fuliginator    | Sweeper ditto       | Ib.    |
| 539 | Morio          | Jester ditto        | Ib.    |

*Stenocorus.*

|     |                     |                   |       |
|-----|---------------------|-------------------|-------|
| 540 | Stenocorus Vittatus | Banded Stenocorus | Ib.   |
| 541 | Meridianus          | Meridian ditto    | Ib.   |
| 542 | Glabratus           | Smooth ditto      | India |



*Rhagium.*

|     |         |             |                    |        |
|-----|---------|-------------|--------------------|--------|
| 543 | Rhagium | Inquisitor  | Inquisitor Rhagium | Europe |
| 544 |         | Bifasciatum | Two-banded ditto   | Ib.    |
| 545 |         | Indagator   | Searcher ditto     | Ib.    |

*Saperda.*

|     |         |                |                    |              |
|-----|---------|----------------|--------------------|--------------|
| 546 | Saperda | Carcharias     | Carcharias Saperda | Ib.          |
| 547 |         | Scalaris       | Scalar ditto       | Ib.          |
| 548 |         | Oculata        | Oculated ditto     | Ib.          |
| 549 |         | Punctata       | Dotted ditto       | Ib.          |
| 550 |         | Linearis       | Linear ditto       | Ib.          |
| 551 |         | Longipes       | Long-legged ditto  | India        |
| 552 |         | Cardui         | Thistle ditto      | Europe       |
| 553 |         | Populnea       | Poplar ditto       | Ib.          |
| 554 |         | Latipes        | Broad-legged ditto | India        |
| 555 |         | Nigricornis    | Black-horned ditto | Europe       |
| 556 |         | Erythrocephala | Red-headed ditto   | Ib.          |
| 557 |         | Confluens      | Confluent ditto    | Ib.          |
| 558 |         | Fuscicornis    | Brown-horned ditto | Ib.          |
| 559 |         | Testacea       | Testaceous ditto   | Ib.          |
| 560 |         | Lineola        | Lineated ditto     | Ib.          |
| 561 |         | Unicolor       | Plain ditto        | Amsterdam I. |
| 562 |         | Præusta        | Black-tipped ditto | Europe       |

*Callidium.*

|     |           |                   |                      |        |
|-----|-----------|-------------------|----------------------|--------|
| 563 | Callidium | Rusticum          | Rustic Wasp-Beetle   | Ib.    |
| 564 |           | Bajulus           | Porter ditto         | Ib.    |
| 565 |           | Salicis           | Willow ditto         | Ib.    |
| 566 |           | Clavipes          | Club-legged ditto    | Ib.    |
| 567 |           | Violaceum         | Purple ditto         | Ib.    |
| 568 |           | Fennicum          | Finland ditto        | Ib.    |
| 569 |           | Striatum          | Striated ditto       | Ib.    |
| 570 |           | Dichrous          | Bicoloured ditto     | Ib.    |
| 571 |           | Prænstum          | Brown-tipped ditto   | Ib.    |
| 572 |           | Femoratum         | Full-thighed ditto   | Ib.    |
| 573 |           | Levigatum         | Smooth-shelled ditto | Ib.    |
| 574 |           | Viridans          | Green ditto          | Ib.    |
| 575 |           | Fuscum            | Brown ditto          | Ib.    |
| 576 |           | Sanguineum        | Sanguineous ditto    | Ib.    |
| 577 |           | Luridum           | Lurid ditto          | Ib.    |
| 578 |           | Cyanochrysos      | Violet-yellow ditto  | Ib.    |
| 579 |           | Lunatum           | Lunated ditto        | India  |
| 580 |           | Octo-nota-<br>tum | Eight-dotted ditto   | Europe |
| 581 |           | Detritum          | Yellow-banded ditto  | Ib.    |
| 582 |           | Arcuatum          | Great ditto          | Ib.    |
| 583 |           | Mysticum          | Mystic ditto         | Ib.    |
| 584 |           | Verbasci          | Mullein ditto        | Ib.    |



|     |           |           |                    |        |
|-----|-----------|-----------|--------------------|--------|
| 585 | Callidium | Arietis   | Common Wasp-Beetle | Europe |
| 586 |           | Rusticum  | Rustic ditto       | Ib.    |
| 587 |           | Annulare  | Annular ditto      | India  |
| 588 |           | Leuconium | White-zoned ditto  | Europe |

*Donacia.*

|     |         |           |                       |     |
|-----|---------|-----------|-----------------------|-----|
| 589 | Donacia | Bicolor   | Golden-green Donacia  | Ib. |
| 590 |         | Crassipes | Thick-legged ditto    | Ib. |
| 591 |         | Fusca     | Brown ditto           | Ib. |
| 592 |         | Rufescens | Reddish-bronzed ditto | Ib. |
| 593 |         | Nitida    | Shining ditto         | Ib. |
| 594 |         | Vulgaris  | Common ditto          | Ib. |
| 595 |         | Cærulea   | Blue ditto            | Ib. |

*Leptura.*

|     |         |               |                         |     |
|-----|---------|---------------|-------------------------|-----|
| 596 | Leptura | Virens        | Silky-green Wood Beetle | Ib. |
| 597 |         | Rubra         | Red ditto               | Ib. |
| 598 |         | Testacea      | Male of the L. Rubra    | Ib. |
| 599 |         | 4-Fasciata    | Four-banded ditto       | Ib. |
| 600 |         | 5-Maculata    | Five-spotted ditto      | Ib. |
| 601 |         | Attenuata     | Tapering ditto          | Ib. |
| 602 |         | 4-Maculata    | Four-spotted ditto      | Ib. |
| 603 |         | Collaris      | Collared ditto          | Ib. |
| 604 |         | 6-Maculata    | Six-spotted ditto       | Ib. |
| 605 |         | Atra          | Black ditto             | Ib. |
| 606 |         | Erythropus    | Red-shanked ditto       | Ib. |
| 607 |         | Virginea      | Violet ditto            | Ib. |
| 608 |         | Sanguinolenta | Sanguineous ditto       | Ib. |
| 609 |         | Melanura      | Black-tailed ditto      | Ib. |
| 610 |         | Nigra         | Deep-black ditto        | Ib. |
| 611 |         | Hastata       | Hastated ditto          | Ib. |
| 612 |         | Carbonacea    | Carbonaceous ditto      | Ib. |
| 613 |         | Suturalis     | Sutural ditto           | Ib. |
| 614 |         | Nigella       | Blackish ditto          | Ib. |
| 615 |         | 5-Guttata     | Five-spotted ditto      | Ib. |
| 616 |         | Prænsta       | Black-tipped ditto      | Ib. |
| 617 |         | Fusca         | Brown ditto             | Ib. |
| 618 |         | Abbreviata    | Abbreviated ditto       | Ib. |
| 619 |         | Dimidiata     | Small ditto             | Ib. |
| 620 |         | Umbellatarum  | Umbellate ditto         | Ib. |

*Lampyris.*

|     |               |             |                     |     |
|-----|---------------|-------------|---------------------|-----|
| 621 | Lam. Noctiluæ | Larva       | Larva of the Common |     |
|     |               |             | Glow-Worm           | Ib. |
| 622 |               | Splendidula | Splendid ditto      | Ib. |

*Pyrochroa.*

|     |           |               |                    |     |
|-----|-----------|---------------|--------------------|-----|
| 623 | Pyrochroa | Pectinicornis | Pectinate Fire-Fly | Ib. |
| 624 |           | Coccinea      | Scarlet ditto      | Ib. |



- 625 *Pyrochroa Sanguinea* Blood-red Glow-Worm *Europe*  
 626 *Atrata* Black-dotted ditto *Ib.*

*Lycus.*

- 627 *Lycus Palliata* Hooded Fire-Fly *C. G. Hope*

*Horia.*

- 628 *Horia Dermestoides* Dermestes-like *Horia* *Europe*

*Cucujus.*

- 629 *Cucujus Cæruleus* Blue *Cucujus* *Ib.*  
 629<sup>b</sup> *Testaceus* Testaceous ditto *Ib.*  
 629<sup>c</sup> *Flavipes* Yellow-legged ditto *Ib.*

*Cantharis.*

- 630 *Cantharis Fusca* Brown Soft-winged Beetle *Ib.*  
 631 *Marginella* Black-edged ditto *Ib.*  
 632 *Media* Red-headed ditto *Ib.*  
 633 *Hæmatostoma* Red-mouthed ditto *Ib.*  
 634 *Livida* Livid ditto *Ib.*  
 635 *Obscura* Obscure ditto *Ib.*  
 636 *Melanura* Black-tipped ditto *Ib.*  
 637 *Pallipes* Pale-legged ditto *Ib.*  
 638 *Punctata* Dotted ditto *Ib.*  
 639 *Multicolor* Many-coloured ditto *Ib.*  
 640 *Lutea* Yellow-backed ditto *Ib.*  
 641 *Testacea* Testaceous ditto *Ib.*  
 642 *Livens* Pale ditto *Ib.*  
 643 *Distincta* Distinct ditto *India*  
 644 *Exusta* Brown-tipped ditto *Europe*  
 645 *Histrio* Jester ditto *Ib.*  
 646 *Picea* Pitchy ditto *Ib.*  
 647 *Nigra* Black ditto *Ib.*  
 648 *Chalybea* Black-violet ditto *Ib.*  
 649 *Tricolor* Tricoloured ditto *Ib.*  
 650 *Pulicaria* Flea-sized ditto *Ib.*

*Malachius.*

- 651 *Malachius Æneus* Brassy *Malachius* *Ib.*  
 652 *Bipustulatus* Two-spotted ditto *Ib.*  
 653 *Sanguinolentus* Sanguineous ditto *Ib.*  
 654 *Cyaneus* Blue ditto *Ib.*  
 655 *Pedicularius* Red-tipped ditto *Ib.*  
 656 *Pulicarius* Flea-sized ditto *Ib.*  
 657 *Fasciatus* Banded ditto *Ib.*  
 658 *Equestris* Brassy-green ditto *Ib.*  
 659 *Flavipes* Yellow-legged ditto *Ib.*  
 660 *Rubra* Red-backed ditto *Ib.*



*Necydalis.*

|     |                  |                    |                         |               |
|-----|------------------|--------------------|-------------------------|---------------|
| 661 | <i>Necydalis</i> | <i>Viridissima</i> | GreenClipt-wingedBeetle | <i>Europe</i> |
| 662 |                  | <i>Cærulescens</i> | Bluish ditto            | <i>Ib.</i>    |
| 663 |                  | <i>Humeralis</i>   | Humeral ditto           | <i>Ib.</i>    |
| 664 |                  | <i>Exusta</i>      | Brown ditto             | <i>Ib.</i>    |
| 665 |                  | <i>Clavata</i>     | Club-legged ditto       | <i>Ib.</i>    |
| 666 |                  | <i>Podagraria</i>  | Garden ditto            | <i>Ib.</i>    |
| 667 |                  | <i>Simplex</i>     | Plain ditto             | <i>Ib.</i>    |
| 668 |                  | <i>Glaucescens</i> | Greenish ditto          | <i>Ib.</i>    |

*Elater.*

|                  |               |                       |                      |               |
|------------------|---------------|-----------------------|----------------------|---------------|
| 669              | <i>Elater</i> | <i>Fuscipes</i>       | Brown-legged Skipper | <i>India</i>  |
| 670              |               | <i>Ferrugineus</i>    | Ferruginous ditto    | <i>Europe</i> |
| 671              |               | <i>Punctatus</i>      | Dotted ditto         | <i>Ib.</i>    |
| 672              |               | <i>Pectinicornis</i>  | Comb-horned ditto    | <i>Ib.</i>    |
| 673              |               | <i>Dichrous</i>       | Bicoloured ditto     | <i>Ib.</i>    |
| 674              |               | <i>Piceus</i>         | Pitchy ditto         | <i>Ib.</i>    |
| 675              |               | <i>Murinus</i>        | Murine ditto         | <i>Ib.</i>    |
| 676              |               | <i>Tesselatus</i>     | Tesselated ditto     | <i>Ib.</i>    |
| 677              |               | <i>Obscurus</i>       | Obscure ditto        | <i>Ib.</i>    |
| 678              |               | <i>Cupreus</i>        | Coppery ditto        | <i>Ib.</i>    |
| 679              |               | <i>Sanguineus</i>     | Blood-red ditto      | <i>Ib.</i>    |
| 680              |               | <i>Æneus</i>          | Brassy ditto         | <i>Ib.</i>    |
| 681              |               | <i>Fuscus</i>         | Brown ditto          | <i>Ib.</i>    |
| 682              |               | <i>Villosus</i>       | Downy ditto          | <i>Ib.</i>    |
| 683              |               | <i>Crenatus</i>       | Crenate ditto        | <i>Ib.</i>    |
| 683 <sup>b</sup> |               | <i>Flabellicornis</i> | Fan-horned ditto     | <i>Ib.</i>    |
| 684              |               | <i>Niger</i>          | Black-brown ditto    | <i>Ib.</i>    |
| 685              |               | <i>Cruciatus</i>      | Cruciated ditto      | <i>Ib.</i>    |
| 686              |               | <i>Linearis</i>       | Linear ditto         | <i>Ib.</i>    |
| 687              |               | <i>Aterrimus</i>      | Deep-black ditto     | <i>Ib.</i>    |
| 688              |               | <i>Ambiguus</i>       | Doubtful ditto       | <i>Ib.</i>    |
| 689              |               | <i>Lineolatus</i>     | Lineated ditto       | <i>Ib.</i>    |
| 690              |               | <i>Longicornis</i>    | Long-horned ditto    | <i>Ib.</i>    |
| 691              |               | <i>Concolor</i>       | Rufous-brown ditto   | <i>Ib.</i>    |
| 692              |               | <i>Castaneus</i>      | Chesnut-brown ditto  | <i>Ib.</i>    |
| 693              |               | <i>Varians</i>        | Varying ditto        | <i>Ib.</i>    |
| 694              |               | <i>Rubiginus</i>      | Rusty ditto          | <i>Ib.</i>    |
| 695              |               | <i>Villosus</i>       | Downy ditto          | <i>Ib.</i>    |
| 696              |               | <i>Tricolor</i>       | Tricoloured ditto    | <i>Ib.</i>    |
| 697              |               | <i>Hæmopterus</i>     | Red-winged ditto     | <i>Ib.</i>    |
| 698              |               | <i>Gibbus</i>         | Gibbous ditto        | <i>Ib.</i>    |
| 699              |               | <i>Crassipes</i>      | Thick-legged ditto   | <i>Ib.</i>    |
| 700              |               | <i>Pilosus</i>        | Hairy ditto          | <i>Ib.</i>    |
| 701              |               | <i>Acupunctatus</i>   | Finely-dotted ditto  | <i>Ib.</i>    |
| 702              |               | <i>Pubescens</i>      | Pubescent ditto      | <i>Ib.</i>    |
| 703              |               | <i>Pubes.</i>         | Variety of ditto     | <i>Ib.</i>    |



|     |                           |                      |               |
|-----|---------------------------|----------------------|---------------|
| 704 | <i>Elater Cinerascens</i> | Cinereous Skipper    | <i>Europe</i> |
| 705 | <i>Bicolor</i>            | Rusty-brown ditto    | <i>Ib.</i>    |
| 706 | <i>Quadrisulcis</i>       | Furrowed ditto       | <i>Ib.</i>    |
| 707 | <i>Testaceus</i>          | Testaceous ditto     | <i>Ib.</i>    |
| 708 | <i>Strigosus</i>          | Wrinkled ditto       | <i>Ib.</i>    |
| 709 | <i>Marginatus</i>         | Marginated ditto     | <i>Ib.</i>    |
| 710 | <i>Marginellus</i>        | Slender ditto        | <i>Ib.</i>    |
| 711 | <i>Suturalis</i>          | Sutural ditto        | <i>Ib.</i>    |
| 712 | <i>Striatus</i>           | Striated ditto       | <i>Ib.</i>    |
| 713 | <i>Dentatus</i>           | Dentated ditto       | <i>Ib.</i>    |
| 714 | <i>Capucinus</i>          | Capuchin ditto       | <i>Ib.</i>    |
| 715 | <i>Balteatus</i>          | Belted ditto         | <i>Ib.</i>    |
| 716 | <i>Bipustulatus</i>       | Spotted ditto        | <i>Ib.</i>    |
| 717 | <i>Ruficollis</i>         | Red-necked ditto     | <i>Ib.</i>    |
| 718 | <i>Capucinus</i>          | Variety of 714       | <i>Ib.</i>    |
| 719 | <i>Limbatus</i>           | Embroidered ditto    | <i>Ib.</i>    |
| 720 | <i>Gibbosus</i>           | Hunch-backed ditto   | <i>Ib.</i>    |
| 721 | <i>Soricinus</i>          | Mouse-coloured ditto | <i>Ib.</i>    |
| 722 | <i>Erythropus</i>         | Red-shanked ditto    | <i>Ib.</i>    |
| 723 | <i>Ery.</i>               | Variety of ditto     | <i>Ib.</i>    |
| 724 | <i>Funereus</i>           | Funereal ditto       | <i>Ib.</i>    |
| 725 | <i>Obscurus</i>           | Variety of 677       | <i>Ib.</i>    |
| 726 | <i>Dermestoides</i>       | Dermestes-like ditto | <i>Ib.</i>    |
| 727 | <i>Fuliginosus</i>        | Sooty ditto          | <i>Ib.</i>    |
| 728 | <i>Pulchellus</i>         | Beautiful ditto      | <i>Ib.</i>    |
| 729 | <i>Pusillus</i>           | Delicate ditto       | <i>Ib.</i>    |
| 730 | <i>Lamellatus</i>         | Flat-tipped ditto    | <i>Ib.</i>    |

*Buprestis.*

|     |                           |                      |                   |
|-----|---------------------------|----------------------|-------------------|
| 731 | <i>Buprestis Gigantea</i> | Giant Burn-Cow       | <i>America</i>    |
| 732 | <i>Chrysis</i>            | Golden ditto         | <i>India</i>      |
| 733 | <i>Sternicornis</i>       | Flat-horned ditto    | <i>Ib.</i>        |
| 734 | <i>Vittata</i>            | Banded ditto         | <i>Ib.</i>        |
| 735 | <i>Onopordi</i>           | Woolly-Thistle ditto | <i>Europe</i>     |
| 736 | <i>Fascicularis</i>       | Tufted ditto         | <i>C. G. Hope</i> |
| 737 | <i>Mariana</i>            | Marianne ditto       | <i>Europe</i>     |
| 738 | <i>Rauca</i>              | Barbary ditto        | <i>Africa</i>     |
| 739 | <i>Rugosa</i>             | Wrinkled ditto       | .....             |
| 740 | <i>Rubi</i>               | Raspberry ditto      | <i>Europe</i>     |
| 741 | <i>Porcata</i>            | Furrowed ditto       | <i>India</i>      |
| 742 | <i>Flavo-maculata</i>     | Yellow-spotted ditto | <i>Europe</i>     |
| 743 | <i>Rutilans</i>           | Gold-edged ditto     | <i>Ib.</i>        |
| 744 | <i>Coccinea</i>           | Scarlet ditto        | <i>India</i>      |
| 745 | <i>Hirta</i>              | Hairy ditto          | <i>Africa</i>     |
| 746 | <i>Biguttata</i>          | Two-dotted ditto     | <i>Europe</i>     |
| 747 | <i>Chrysostigma</i>       | Gold-spotted ditto   | <i>Ib.</i>        |
| 748 | <i>Bistriata</i>          | Two-streaked ditto   | <i>Ib.</i>        |
| 749 | <i>Cyanea</i>             | Blue ditto           | <i>Ib.</i>        |



|     |                        |                    |                   |
|-----|------------------------|--------------------|-------------------|
| 750 | Buprestis Umbellatarum | Umbellate Burn-Cow | <i>Africa</i>     |
| 751 | Nitidula               | Shining ditto      | <i>C. G. Hope</i> |
| 752 | Viridis                | Green ditto        | <i>Europe</i>     |
| 753 | Bipunctata             | Dotted ditto       | <i>Ib.</i>        |
| 754 | Minuta                 | Minute ditto       | <i>Ib.</i>        |

*Cicindela.*

|     |                     |                |                   |
|-----|---------------------|----------------|-------------------|
| 755 | Cicindela Silvatica | Wood Sparkler  | <i>Ib.</i>        |
| 756 | Hybrida             | Hybrid ditto   | <i>Ib.</i>        |
| 757 | Campestris          | Field ditto    | <i>Ib.</i>        |
| 758 | Flexuosa            | Spanish ditto  | <i>Ib.</i>        |
| 759 | Carolina            | Carolina ditto | <i>N. America</i> |
| 760 | Capensis            | Cape ditto     | <i>C. G. Hope</i> |
| 761 | Germanica           | German ditto   | <i>Europe</i>     |
| 762 | Ferruginea          | Water ditto    | <i>Ib.</i>        |

*Elaphrus.*

|     |                   |                     |            |
|-----|-------------------|---------------------|------------|
| 763 | Elaphrus Riparius | Sand Elaphrus       | <i>Ib.</i> |
| 764 | Aquaticus         | Aquatic ditto       | <i>Ib.</i> |
| 765 | Flavipes          | Yellow-legged ditto | <i>Ib.</i> |

*Hydrophilus.*

|     |             |              |                      |                   |
|-----|-------------|--------------|----------------------|-------------------|
| 766 | Hydrophilus | Piceus       | Great Diver          | <i>Ib.</i>        |
| 767 |             | Olivaceus    | Olive ditto          | <i>Coromandel</i> |
| 768 |             | Caraboides   | Carabus-like ditto   | <i>Europe</i>     |
| 769 |             | Niger        | Glossy-black ditto   | <i>Ib.</i>        |
| 770 |             | Scarabæoides | Scarabæus-like ditto | <i>Ib.</i>        |
| 771 |             | Orbicularis  | Orbicular ditto      | <i>Ib.</i>        |
| 772 |             | Luridus      | Lurid ditto          | <i>Ib.</i>        |
| 773 |             | Minutus      | Minute ditto         | <i>Ib.</i>        |
| 774 |             | Ater         | Black ditto          | <i>Ib.</i>        |

*Dytiscus.*

|     |          |               |                     |            |
|-----|----------|---------------|---------------------|------------|
| 775 | Dytiscus | Latissimus    | Broad Water-Beetle  | <i>Ib.</i> |
| 776 |          | Marginalis    | Yellow-edged ditto  | <i>Ib.</i> |
| 777 |          | Semistriatus  | Half-streaked ditto | <i>Ib.</i> |
| 778 |          | Virescens     | Greenish ditto      | <i>Ib.</i> |
| 779 |          | Punctulatus   | Punctured ditto     | <i>Ib.</i> |
| 780 |          | Striatus      | Striated ditto      | <i>Ib.</i> |
| 781 |          | Cinereus      | Cinereous ditto     | <i>Ib.</i> |
| 782 |          | Sulcatus      | Grooved ditto       | <i>Ib.</i> |
| 783 |          | Testaceus     | Testaceous ditto    | <i>Ib.</i> |
| 784 |          | Ramosus       | Branched ditto      | <i>Ib.</i> |
| 785 |          | Transversalis | Transverse ditto    | <i>Ib.</i> |
| 786 |          | Gibbus        | Gibbous ditto       | <i>Ib.</i> |
| 787 |          | Bipustulatus  | Two-dotted ditto    | <i>Ib.</i> |
| 788 |          | Carbonarius   | Coal-black ditto    | <i>Ib.</i> |



|     |                 |                        |                        |               |
|-----|-----------------|------------------------|------------------------|---------------|
| 789 | <i>Dytiscus</i> | <i>Bilobus</i>         | Two-lobed Water-Beetle | <i>Europe</i> |
| 790 |                 | <i>Flavus</i>          | Yellow ditto           | <i>Ib.</i>    |
| 791 |                 | <i>Tricoloratus</i>    | Tricoloured ditto      | <i>Ib.</i>    |
| 792 |                 | <i>Denigratus</i>      | Blackened ditto        | <i>Ib.</i>    |
| 793 |                 | <i>Xanthogaster</i>    | Yellow-bellied ditto   | <i>Ib.</i>    |
| 794 |                 | <i>Uliginosus</i>      | Marsh ditto            | <i>Ib.</i>    |
| 795 |                 | <i>Unipunctatus</i>    | Single-dotted ditto    | <i>Ib.</i>    |
| 796 |                 | <i>Biguttatus</i>      | Two-spotted ditto      | <i>Ib.</i>    |
| 797 |                 | <i>Maculatus</i>       | Spotted ditto          | <i>Ib.</i>    |
| 798 |                 | <i>Hermanni</i>        | Herman's ditto         | <i>Ib.</i>    |
| 799 |                 | <i>Erythrocephalus</i> | Red-headed ditto       | <i>Ib.</i>    |
| 800 |                 | <i>Ovatus</i>          | Oval ditto             | <i>Ib.</i>    |
| 801 |                 | <i>Lineatus</i>        | Lineated ditto         | <i>Ib.</i>    |
| 802 |                 | <i>8-Maculatus</i>     | Eight-spotted ditto    | <i>Ib.</i>    |
| 803 |                 | <i>Crassicornis</i>    | Club-horned ditto      | <i>Ib.</i>    |
| 804 |                 | <i>Impressus</i>       | Impressed ditto        | <i>Ib.</i>    |
| 805 |                 | <i>Lividus</i>         | Livid ditto            | <i>Ib.</i>    |
| 806 |                 | <i>Dorsalis</i>        | Ferruginous ditto      | <i>Ib.</i>    |
| 807 |                 | <i>Confluens</i>       | Stained ditto          | <i>Ib.</i>    |
| 808 |                 | <i>Obliquus</i>        | Oblique ditto          | <i>Ib.</i>    |
| 809 |                 | <i>4-Lineatus</i>      | Four-lined ditto       | <i>Ib.</i>    |
| 810 |                 | <i>Denticulatus</i>    | Denticulated ditto     | <i>Ib.</i>    |
| 811 |                 | <i>Pictus</i>          | Painted ditto          | <i>Ib.</i>    |

*Gyrinus.*

|     |                |                |                     |               |
|-----|----------------|----------------|---------------------|---------------|
| 812 | <i>Gyrinus</i> | <i>Natator</i> | Common Whirl-Beetle | <i>Ib.</i>    |
| 813 |                | <i>Bicolor</i> | Spotted ditto       | <i>Sweden</i> |

*Carabus.*1. *The Larger.*

|     |                |                        |                     |                   |
|-----|----------------|------------------------|---------------------|-------------------|
| 814 | <i>Carabus</i> | <i>Coriaceus</i>       | Great Ground Beetle | <i>Europe</i>     |
| 815 |                | <i>Cyaneus</i>         | Black-blue ditto    | <i>Ib.</i>        |
| 816 |                | <i>Violaceus</i>       | Purple ditto        | <i>Ib.</i>        |
| 817 |                | <i>Quadri-guttatus</i> | Four-spotted ditto  | <i>C. G. Hope</i> |
| 818 |                | <i>Atomarius</i>       | Atomary ditto       | <i>Europe</i>     |
| 819 |                | <i>Miliarius</i>       | Miliary ditto       | <i>Ib.</i>        |
| 820 |                | <i>Fractus</i>         | Broken ditto        | <i>Ib.</i>        |
| 821 |                | <i>Hortensis</i>       | Garden ditto        | <i>Ib.</i>        |
| 822 |                | <i>Gemmatus</i>        | Studded ditto       | <i>Ib.</i>        |
| 823 |                | <i>Æruginosus</i>      | Rusty-green ditto   | <i>Ib.</i>        |
| 824 |                | <i>Cupreus</i>         | Coppery ditto       | <i>Ib.</i>        |
| 825 |                | <i>Granulatus</i>      | Granulated ditto    | <i>Ib.</i>        |
| 826 |                | <i>Clathratus</i>      | Barred ditto        | <i>Ib.</i>        |
| 827 |                | <i>Retusus</i>         | Retuse ditto        | <i>Patagonia</i>  |
| 828 |                | <i>Auratus</i>         | Gilt ditto          | <i>Europe</i>     |
| 829 |                | <i>Nitens</i>          | Shining ditto       | <i>Ib.</i>        |



|                  |         |                |                               |             |
|------------------|---------|----------------|-------------------------------|-------------|
| 830              | Carabus | Leucophthalmus | White-eyed Ground Bee-<br>tle | Europe      |
| 831              |         | Convexus       | Convex ditto                  | Ib.         |
| 832              |         | Sycophanta     | Sycophant ditto               | Ib.         |
| 832 <sup>b</sup> |         | Ænocephalus    | Glossy-green ditto            | St. Domingo |
| 833              |         | Inquisitor     | Inquisitor ditto              | Europe      |
| 834              |         | Cephalotes     | Black-winged ditto            | Ib.         |
| 835              |         | Levigatus      | Smooth ditto                  | Ib.         |

2. *The Smaller.*

|     |         |                |                          |         |
|-----|---------|----------------|--------------------------|---------|
| 836 | Carabus | 5-Lineatus     | Five-lined Ground Beetle | Ib.     |
| 837 |         | Tricolor       | Tricoloured ditto        | Ib.     |
| 838 |         | Lividus        | Livid ditto              | Ib.     |
| 839 |         | Bimaculatus    | Two-spotted ditto        | India   |
| 840 |         | Spinipes       | Thorny-legged ditto      | Europe  |
| 841 |         | Madidus        | Moist ditto              | Ib.     |
| 842 |         | Flavicornis    | Yellow-horned ditto      | Ib.     |
| 843 |         | Confluens      | Confluent ditto          | Ib.     |
| 844 |         | Leskii         | Leskean ditto            | Ib.     |
| 845 |         | Æneus          | Bronzed ditto            | Ib.     |
| 846 |         | Pullus         | Rusty-black ditto        | Ib.     |
| 847 |         | Lepidus        | Pretty ditto             | Lusatia |
| 848 |         | Quadratus      | Square ditto             | Europe  |
| 849 |         | Plicatus       | Plaited ditto            | Ib.     |
| 850 |         | Picatus        | Pitchy ditto             | Ib.     |
| 851 |         | Emarginatus    | Emarginate ditto         | Ib.     |
| 852 |         | Chalybeus      | Brassy ditto             | Ib.     |
| 853 |         | Erythroceras   | Red-horned ditto         | Ib.     |
| 854 |         | Niger          | Black ditto              | Ib.     |
| 855 |         | Multipunctatus | Many-dotted ditto        | Ib.     |
| 856 |         | Vulgaris       | Common ditto             | Ib.     |
| 857 |         | Ferrugineus    | Ferruginous ditto        | Ib.     |
| 858 |         | Pallens        | Pale ditto               | Ib.     |
| 859 |         | Erythropus     | Red-legged ditto         | Ib.     |
| 860 |         | Quadratus      | Variety of 848           | Ib.     |
| 861 |         | Trichrous      | Tricoloured ditto        | Ib.     |
| 862 |         | Crenatus       | Crenate ditto            | Ib.     |
| 863 |         | Cærulescens    | Bluish ditto             | Ib.     |
| 864 |         | Ruficornis     | Rufous-horned ditto      | Ib.     |
| 865 |         | Distinctus     | Distinct ditto           | Ib.     |
| 866 |         | Concoloratus   | Unicoloured ditto        | Ib.     |
| 867 |         | Erythropus     | Variety of 859           | Ib.     |
| 868 |         | Rubricornis    | Bright-horned ditto      | Ib.     |
| 869 |         | Punctulus      | Minutely-dotted ditto    | Ib.     |
| 870 |         | Bispinosus     | Two-spined ditto         | Ib.     |
| 871 |         | Erythromelas   | Reddish-black ditto      | Ib.     |
| 872 |         | Æquus          | Equal ditto              | Ib.     |
| 873 |         | Ery.           | Variety of 871           | Ib.     |



|                  |                  |                                  |        |
|------------------|------------------|----------------------------------|--------|
| 874              | Carabus Viridans | Greenish-black Ground-<br>Beetle | Europe |
| 875              | Impressus        | Impressed ditto                  | Ib.    |
| 876              | Multicolor       | Many coloured ditto              | Ib.    |
| 877              | Obfuscatus       | Dusky ditto                      | Ib.    |
| 877 <sup>b</sup> | Ery.             | Variety of 871                   | Ib.    |
| 878              | .....            | Decayed                          | .....  |
| 879              | Dolens           | Mourning ditto                   | Ib.    |
| 880              | Ater             | Brown-black ditto                | Ib.    |
| 881              | 6-Punctatus      | Six-dotted ditto                 | Ib.    |
| 882              | Discolor         | Discoloured ditto                | Ib.    |
| 883              | Truncatus        | Truncated ditto                  | Ib.    |
| 884              | Excisus          | Shortened ditto                  | Ib.    |
| 885              | Limbatus         | Embroidered ditto                | Ib.    |
| 886              | Trunculatus      | Trunculated ditto                | Ib.    |
| 887              | Chloromelas      | Green and black ditto            | Ib.    |
| 888              | Lineolatus       | Lineated ditto                   | Ib.    |
| 889              | Sinuatus         | Sinuate ditto                    | Ib.    |
| 890              | Junceus          | Carniolian ditto                 | Ib.    |
| 891              | Marginatus       | Marginated ditto                 | Ib.    |
| 892              | Pallidicornis    | Pale-horned ditto                | Ib.    |
| 893              | Azureus          | Azure ditto                      | Ib.    |
| 894              | Aurichalcus      | Black-bronzed ditto              | Ib.    |
| 895              | 6-Punc.          | Variety of 881                   | Ib.    |
| 896              | Vaporariorum     | Stove ditto                      | Ib.    |
| 897              | Rotundatus       | Rounded ditto                    | Ib.    |
| 898              | Crux-major       | Greater-cross ditto              | Ib.    |
| 899              | Lituratus        | Blotted ditto                    | Ib.    |
| 900              | Crepitans        | Cracking ditto                   | Ib.    |
| 901              | Geniculatus      | Jointed ditto                    | Ib.    |
| 902              | Cupreus          | Small Coppery ditto              | Ib.    |
| 903              | Piceus           | Pitch-black ditto                | Ib.    |
| 904              | Ferruginosus     | Rusty-brown ditto                | Ib.    |
| 905              | Denigratus       | Black-legged ditto               | Ib.    |
| 906              | Cyanocephalus    | Blue-headed ditto                | Ib.    |
| 907              | Viridanus        | Greenish ditto                   | Ib.    |
| 908              | Crux-minor       | Less-cross ditto                 | Ib.    |
| 909              | Cylindricus      | Cylindrical ditto                | Ib.    |
| 910              | Truncatus        | Variety of 883                   | Ib.    |
| 911              | Suborbiculatus   | Roundish ditto                   | Ib.    |
| 912              | Melanocephalus   | Black-headed ditto               | Ib.    |
| 913              | Lunatus          | Lunated ditto                    | Ib.    |
| 914              | Velox            | Swift ditto                      | Ib.    |
| 915              | Picipes          | Pitchy-legged ditto              | Ib.    |
| 916              | 4-Notatus        | Four-spotted ditto               | Ib.    |
| 917              | 6-Notatus        | Six-spotted ditto                | Ib.    |
| 918              | Ferrugineus      | Variety of 857                   | Ib.    |
| 919              | Andreae          | Italian ditto                    | Ib.    |



|     |                     |                           |        |
|-----|---------------------|---------------------------|--------|
| 920 | Carabus Porphyropus | Red-shanked Ground-Beetle | Europe |
| 921 | Fuscicornis         | Brown-horned ditto        | Ib.    |
| 922 | Flexuosus           | Waved ditto               | Ib.    |
| 923 | Testaceus           | Testaceous ditto          | Ib.    |
| 924 | Atratus             | Spotted ditto             | Ib.    |
| 925 | .....               | Decayed                   | .....  |
| 926 | Dolorosus           | Dolorous ditto            | Ib.    |
| 927 | Bipunctatus         | Two-dotted ditto          | Ib.    |
| 928 | Bipustulatus        | Two-pimpled ditto         | Ib.    |
| 929 | Quadripustula-      | Four-pimpled ditto        | Ib.    |

tus

*Scarites.*

|     |                   |               |     |
|-----|-------------------|---------------|-----|
| 930 | Scarites Arenosus | Sand Scarites | Ib. |
|-----|-------------------|---------------|-----|

*Pimelia.*

|                  |                 |                     |       |
|------------------|-----------------|---------------------|-------|
| 931              | Pimelia Porcata | Furrowed Pimelia    | India |
| 931 <sup>b</sup> | Dentipes        | Thorny-footed ditto | Ib.   |
| 932              | Vittata         | Banded ditto        | Ib.   |
| 932 <sup>b</sup> | Longipes        | Long-legged ditto   | Ib.   |

*Blaps.*

|     |                 |                            |        |
|-----|-----------------|----------------------------|--------|
| 933 | Blaps Mortisaga | Ominous Slow-legged Beetle | Europe |
| 934 | Excavata        | Pitted ditto               | India  |

*Tenebrio.*

|     |                  |                                     |        |
|-----|------------------|-------------------------------------|--------|
| 935 | Tenebrio Molitor | Architect Darkling, or Fetid Beetle | Europe |
| 936 | Sanguinipes      | Bloody-legged ditto                 | Ib.    |
| 937 | Ciliatus         | Ciliate ditto                       | Ib.    |
| 938 | Bicolor          | Bicoulored ditto                    | Ib.    |
| 939 | Ater             | Black ditto                         | Ib.    |
| 940 | Culinaris        | Spanish ditto                       | Ib.    |
| 941 | Lunatus          | Lunate ditto                        | Ib.    |
| 942 | Hispidus         | Hairy ditto                         | Ib.    |
| 943 | Glabratus        | Smooth ditto                        | Ib.    |

*Helops.*

|     |                |                     |     |
|-----|----------------|---------------------|-----|
| 944 | Helops Lanipes | Downy-legged Helops | Ib. |
| 945 | Ater           | Black ditto         | Ib. |

*Meloe.*

|     |                    |                       |     |
|-----|--------------------|-----------------------|-----|
| 946 | Meloe Proscarabæus | Violet Blister-Beetle | Ib. |
|-----|--------------------|-----------------------|-----|

*Litta.*

|     |                 |                        |     |
|-----|-----------------|------------------------|-----|
| 947 | Litta Marginata | Italian Blister-Beetle | Ib. |
| 948 | Vesicatoria     | Spanish, or Common do. | Ib. |



|                  |                 |                      |        |
|------------------|-----------------|----------------------|--------|
| 949              | Litta Pubescens | Downy Blister-Beetle | Europe |
| 949 <sup>b</sup> | Ferruginea      | Ferruginous ditto    | Ib.    |

*Mylabris.*

|     |                   |                        |            |
|-----|-------------------|------------------------|------------|
| 950 | Mylabris Cichorii | Succory Blister-Beetle | India      |
| 951 | Algirica          | Algerine ditto         | Africa     |
| 952 | Ochroptera        | Yellow-winged ditto    | India      |
| 953 | Bicolor           | Bicoloured ditto       | Ib.        |
| 954 | Capensis          | African ditto          | C. G. Hope |

*Cerocoma.*

|     |                    |                      |        |
|-----|--------------------|----------------------|--------|
| 955 | Cerocoma Schæfferi | Schæffer's B. Beetle | Europe |
|-----|--------------------|----------------------|--------|

*Mordella.*

|     |                   |                      |     |
|-----|-------------------|----------------------|-----|
| 956 | Mordella Paradoxa | Paradoxical Mordella | Ib. |
| 957 | Fasciata          | Banded ditto         | Ib. |
| 958 | Aculeata          | Aculeated ditto      | Ib. |
| 959 | Abdominalis       | Abdominal ditto      | Ib. |
| 960 | Humeralis         | Humeral ditto        | Ib. |
| 961 | Frontalis         | Frontal ditto        | Ib. |
| 962 | Thoracica         | Thoracic ditto       | Ib. |
| 963 | Flava             | Yellow ditto         | Ib. |

*Staphylinus.*

|     |                   |                      |     |
|-----|-------------------|----------------------|-----|
| 964 | Staphylinus Olens | Fetid Rove-Beetle    | Ib. |
| 965 | Maxillosus        | Long-jawed ditto     | Ib. |
| 966 | Erythropterus     | Red-winged ditto     | Ib. |
| 967 | Cylindricus       | Cylindrical ditto    | Ib. |
| 968 | Ery.              | Variety of 966       | Ib. |
| 969 | Murinus           | Mouse-coloured ditto | Ib. |
| 970 | Dichrous          | Bicoloured-ditto     | Ib. |
| 971 | Politus           | Polished ditto       | Ib. |
| 972 | Piceus            | Pitchy ditto         | Ib. |
| 973 | Glaber            | Smooth ditto         | Ib. |
| 974 | Erythropus        | Red-legged ditto     | Ib. |
| 975 | Cruentatus        | Blood-stained ditto  | Ib. |
| 976 | Lugubris          | Sorrowful ditto      | Ib. |
| 977 | Nitidulus         | Shining ditto        | Ib. |
| 978 | Biclavatus        | Club-horned ditto    | Ib. |
| 979 | Rufescens         | Reddish ditto        | Ib. |
| 980 | Cephalotes        | Large-headed ditto   | Ib. |
| 981 | Brevipes          | Short-legged ditto   | Ib. |
| 982 | Marginellus       | Marginated ditto     | Ib. |
| 983 | Fuscipes          | Brown-legged ditto   | Ib. |
| 984 | Testaceus         | Testaceous ditto     | Ib. |
| 985 | Hæmorrhoidalis    | Hæmorrhoidal ditto   | Ib. |



|     |                       |                          |        |
|-----|-----------------------|--------------------------|--------|
| 986 | Staphylinus Crassipes | Large-legged Rove-Beetle | Europe |
| 987 | Tricolor              | Tricoloured ditto        | Ib.    |
| 988 | Piceus                | Variety of 972           | Ib.    |
| 989 | Bipustulatus          | Bipustuled ditto         | Ib.    |
| 990 | Flavicornis           | Yellow-horned ditto      | Ib.    |
| 991 | Lituratus             | Blotted ditto            | Ib.    |
| 992 | Alatus                | Long-winged ditto        | Ib.    |

*Oxyporus.*

|     |                |                 |     |
|-----|----------------|-----------------|-----|
| 993 | Oxyporus Rufus | Red Rove-Beetle | Ib. |
|-----|----------------|-----------------|-----|

*Pæderus.*

|     |                  |                    |     |
|-----|------------------|--------------------|-----|
| 994 | Pæderus Riparius | Strand Rove-Beetle | Ib. |
| 995 | Elongatus        | Elongated ditto    | Ib. |

*The general appearance of the following Staphylini intimates them to be of a distinct Genus, but which has not yet been named.*

*Thorax scutiform, Abdomen on both sides hairy, having the top covered with bristles.*

|      |                     |                     |        |
|------|---------------------|---------------------|--------|
| 996  | Staphylinus Dilatus | Dilated Rove-Beetle | Europe |
| 997  | Ferrugineus         | Ferruginous ditto   | Ib.    |
| 998  | Lunulatus           | Lunulate ditto      | Ib.    |
| 999  | Ater                | Black ditto         | Ib.    |
| 1000 | Fuscus              | Brown ditto         | Ib.    |
| 1001 | Clavatus            | Clavate ditto       | Ib.    |
| 1002 | Obtusius            | Obtuse ditto        | Ib.    |
| 1003 | Chrysomelinus       | Chrysomeline ditto  | Ib.    |
| 1004 | Flavus              | Yellow ditto        | Ib.    |
| 1005 | Melanophthalmus     | Black-eyed ditto    | Ib.    |

ORDER II. *Ulonata.*

*Jaw covered by an obtuse Helmet.*

*Forficula.*

|   |                       |               |        |
|---|-----------------------|---------------|--------|
| 1 | Forficula Auricularia | Common Earwig | Europe |
| 2 | Minor                 | Small ditto   | Ib.    |
| 3 | Livida                | Livid ditto   | Ib.    |



*Blatta.*

|    |                        |                     |                |
|----|------------------------|---------------------|----------------|
| 4  | <i>Blatta Gigantea</i> | American Kakkerlac  | <i>America</i> |
| 5  | <i>Aptera</i>          | Wingless Cock Roach | <i>Europe</i>  |
| 6  | <i>Orientalis</i>      | Oriental ditto      | <i>Ib.</i>     |
| 7  | <i>Punctulata</i>      | Dotted ditto        | <i>India</i>   |
| 8  | <i>Ocellata</i>        | Ocellate ditto      | <i>Ib.</i>     |
| 9  | <i>Septem-guttata</i>  | Seven-spotted ditto | <i>Ib.</i>     |
| 10 | <i>Sylvestris</i>      | Wood ditto          | <i>Europe</i>  |
| 11 | <i>Variegata</i>       | Variegated ditto    | <i>Ib.</i>     |

*Mantis.*

|    |                          |                           |              |
|----|--------------------------|---------------------------|--------------|
| 12 | <i>Mantis Cylindrica</i> | Cylindrical Camel Cricket | <i>India</i> |
| 13 | <i>Oratoria</i>          | Oriental ditto            | <i>Ib.</i>   |
| 14 | <i>Pulchra</i>           | Beautiful ditto           | <i>Ib.</i>   |

*Acrydium.*

|                 |                            |                     |               |
|-----------------|----------------------------|---------------------|---------------|
| 15              | <i>Acrydium Variolosum</i> | Variolous Cricket   | <i>Ib.</i>    |
| 15 <sup>b</sup> | <i>Bipunctatum</i>         | Two-dotted ditto    | <i>Europe</i> |
| 16              | <i>Subulatum</i>           | Subulate ditto      | <i>Ib.</i>    |
| 16 <sup>b</sup> | <i>Leucostictos</i>        | White-spotted ditto | <i>Ib.</i>    |
| 16 <sup>c</sup> | <i>Griseum</i>             | Grey ditto          | <i>Ib.</i>    |
| 16 <sup>d</sup> | <i>Binotatum</i>           | Grey-spotted ditto  | <i>Ib.</i>    |

|    |                         |                       |               |
|----|-------------------------|-----------------------|---------------|
| 17 | <i>Truxalis Nasutus</i> | Green African Cricket | <i>Africa</i> |
|----|-------------------------|-----------------------|---------------|

*Acheta.*

|    |                           |                |               |
|----|---------------------------|----------------|---------------|
| 18 | <i>Acheta Gryllotalpa</i> | Mole Cricket   | <i>Europe</i> |
| 19 | <i>Campestris</i>         | Field ditto    | <i>Ib.</i>    |
| 20 | <i>Domestica</i>          | Domestic ditto | <i>Ib.</i>    |

*Locusta.*

|                 |                           |                     |                |
|-----------------|---------------------------|---------------------|----------------|
| 21              | <i>Locusta Citrifolia</i> | Indian Grass-hopper | <i>India</i>   |
| 22              | <i>Mutica</i>             | Muticose ditto      | <i>Ib.</i>     |
| 23              | <i>Coronata</i>           | Crowned ditto       | <i>Ib.</i>     |
| 23 <sup>b</sup> | <i>Cor.</i>               | Ditto in Wine       | <i>Ib.</i>     |
| 23 <sup>c</sup> | <i>Macropterus</i>        | Long-winged ditto   | <i>Ib.</i>     |
| 24              | <i>Nigro-maculatus</i>    | Black-spotted ditto | <i>Ib.</i>     |
| 25              | <i>Viridissima</i>        | Green ditto         | <i>Europe</i>  |
| 26              | <i>Verucivora</i>         | Great green ditto   | <i>Ib.</i>     |
| 27              | <i>Ephippiger</i>         | Carrier ditto       | <i>India</i>   |
| 28              | <i>Testaceus</i>          | Testaceous ditto    | <i>Europe</i>  |
| 29              | <i>Pupa</i>               | Ethiopian ditto     | <i>Africa</i>  |
| 30              | <i>Myrtifolia</i>         | Myrtie-leaved ditto | <i>America</i> |
| 31              | <i>Maxillosa</i>          | Long-jawed ditto    | <i>Ib.</i>     |
| 32              | <i>Perspicillata</i>      | Golden-eyed ditto   | <i>Ib.</i>     |



|    |                     |                            |        |
|----|---------------------|----------------------------|--------|
| 33 | Locusta Fulvicornis | Yellow-horned Grass-Hopper | Europe |
| 34 | Longicornis         | Long-horned ditto          | Ib.    |
| 35 | Varia               | Varying ditto              | Ib.    |

*Gryllus.*

|                 |                     |                            |            |
|-----------------|---------------------|----------------------------|------------|
| 36              | Gryllus Flavicornis | Chinese Locust             | India      |
| 37              | Morbillosus         | Spotted ditto              | C. G. Hope |
| 38              | Migratorius         | Destructive ditto          | Europe     |
| 39              | Rugosus             | Horrid ditto               | India      |
| 40              | Succinctus          | Succint ditto              | Ib.        |
| 41              | Danicus             | Danish ditto               | Europe     |
| 42              | Cyanipes            | Blue-legged ditto          | America    |
| 43              | Grossus             | Common Grass-hopper        | Europe     |
| 43 <sup>b</sup> | Griseus             | Grey ditto                 | India      |
| 44              | Obscurus            | Obscure ditto              | C. G. Hope |
| 45              | Flavus              | Yellow ditto               | Europe     |
| 46              | Stridulus           | Chirping ditto             | Ib.        |
| 47              | Italicus            | Italian ditto              | Ib.        |
| 48              | Cærulescens         | Bluish ditto               | Ib.        |
| 49              | Lunaris             | Moon-marked ditto          | .....      |
| 50              | Flavipes            | Yellow-legged ditto        | Ib.        |
| 51              | Griseus             | Variety of 43 <sup>b</sup> | Ib.        |
| 52              | Cruciger            | White-cross ditto          | Ib.        |
| 53              | Nubilus             | Clouded ditto              | Ib.        |
| 54              | Biguttulus          | Two-spotted ditto          | Ib.        |
| 55              | Rufus               | Rufous ditto               | Ib.        |
| 59              | Virens              | Small, Green ditto         | Ib.        |
| 57              | Viridulus           | Greenish ditto             | Ib.        |
| 58              | Venosus             | Veined ditto               | Ib.        |
| 59              | Ven.                | Variety of the former      | Ib.        |
| 60              | Pedestris           | Flesh-coloured ditto       | Ib.        |
| 60 <sup>b</sup> | Bicolor             | Wingless ditto             | Ib.        |
| 60 <sup>c</sup> | Distinctus          | Distinct ditto             | Ib.        |

ORDER III. *Synistata.**Jaw united to the Lip.**Monoculus.*

|   |                      |                            |        |
|---|----------------------|----------------------------|--------|
| 1 | Monoculus Polyphemus | Molucca Crab, or King Crab | India  |
| 2 | Apus                 | European ditto             | Europe |

*Oniscus.*

|   |               |                   |     |
|---|---------------|-------------------|-----|
| 3 | Oniscus Psora | Rugged Wood-Louse | Ib. |
| 4 | Entomon       | Sea ditto         | Ib. |
| 5 | Ceti          | Whale ditto       | Ib. |
| 6 | Aquaticus     | Aquatic ditto     | Ib. |



|    |                 |                                    |        |
|----|-----------------|------------------------------------|--------|
| 7  | Oniscus Asellus | Common Wood-Louse, or<br>Millepede | Europe |
| 8  | Armadillo       | Black ditto                        | Ib.    |
| 9  | Armadillo       | Variety of ditto                   | Ib.    |
| 10 | Ovalis          | Oval ditto                         | Ib.    |

*Lepisma.*

|    |                    |           |     |
|----|--------------------|-----------|-----|
| 11 | Lepisma Saccharina | Sugar-Fly | Ib. |
|----|--------------------|-----------|-----|

*Podura.*

|    |                |           |     |
|----|----------------|-----------|-----|
| 12 | Podura Nivalis | Snow-Flea | Ib. |
|----|----------------|-----------|-----|

*Ephemera.*

## 1. Tail with three Hairs.

|    |                  |                |     |
|----|------------------|----------------|-----|
| 13 | Ephemera Vulgata | Common Day-Fly | Ib. |
| 14 | Lutea            | Yellow-ditto   | Ib. |
| 15 | Inanis           | Pellucid ditto | Ib. |

## 2. Tail with two Hairs.

|    |                 |                   |     |
|----|-----------------|-------------------|-----|
| 16 | Ephemera Notata | Spotted Day-Fly   | Ib. |
| 17 | Testacea        | Testaceous ditto  | Ib. |
| 18 | Ferruginea      | Ferruginous ditto | Ib. |
| 19 | Diptera         | Dipterous ditto   | Ib. |
| 20 | Stigma          | Dotted ditto      | Ib. |

*Semblis.*

|                 |                   |                                        |        |
|-----------------|-------------------|----------------------------------------|--------|
| 21              | Semblis Bicaudata | Two-tailed Caddow-Fly                  | Ib.    |
| 22              | Nebulosa          | Clouded ditto                          | Ib.    |
| 23              | Lutaria           | Yellowish ditto                        | Ib.    |
| 23 <sup>b</sup> | Ecaudata          | Tailless ditto                         | India  |
| 24              | Viridis           | Green ditto                            | Europe |
| 24 <sup>a</sup> | Domus             | Retreat of the Larva of<br>this Insect | Ib.    |

*Phryganea.*

|    |                   |                   |     |
|----|-------------------|-------------------|-----|
| 25 | Phryganea Grandis | Great Spring-Fly  | Ib. |
| 26 | Striata           | Striated ditto    | Ib. |
| 27 | Virescens         | Greenish ditto    | Ib. |
| 28 | Argentata         | Silvered ditto    | Ib. |
| 29 | Fasciata          | Banded ditto      | Ib. |
| 30 | Strigosa          | Streaked ditto    | Ib. |
| 31 | Reticulata        | Reticulated ditto | Ib. |
| 32 | Maculosa          | Spotted ditto     | Ib. |
| 33 | Fusca             | Brown ditto       | Ib. |
| 34 | Laciniosa         | Laciniated ditto  | Ib. |
| 35 | Grisea            | Grey ditto        | Ib. |
| 36 | Atomaria          | Dotted ditto      | Ib. |
| 37 | Testacea          | Testaceous ditto  | Ib. |



|    |           |             |                    |        |
|----|-----------|-------------|--------------------|--------|
| 38 | Phryganea | Inconspicua | Greyish Spring-Fly | Europe |
| 39 |           | Ciliata     | Ciliated ditto     | Ib.    |
| 40 |           | Filosa      | Tapering ditto     | Ib.    |
| 41 |           | Longicornis | Long-horned ditto  | Ib.    |
| 42 |           | Nigra       | Black ditto        | Ib.    |
| 43 |           | Annulata    | Annulated ditto    | Ib.    |
| 44 |           | Interrupta  | Interrupted ditto  | Ib.    |

*Hemerobius.*

|    |            |            |                    |     |
|----|------------|------------|--------------------|-----|
| 45 | Hemerobius | Perla      | Common Pearl-Fly   | Ib. |
| 46 |            | Chrysops   | Golden-Eye ditto   | Ib. |
| 47 |            | Flavus     | Yellow ditto       | Ib. |
| 48 |            | Phalænoi-  | Phalæna-like ditto | Ib. |
|    |            | des        |                    |     |
| 49 |            | Melanos-   | Black-dotted ditto | Ib. |
|    |            | tictos     |                    |     |
| 50 |            | Versicolor | Variable ditto     | Ib. |
| 51 |            | Maculatus  | Spotted ditto      | Ib. |

*Myrmelion.*

|    |           |             |                |        |
|----|-----------|-------------|----------------|--------|
| 52 | Myrmelion | Libelloides | Cape Myrmelion | Africa |
| 53 |           | Formicarium | Lion-Ant       | Europe |

*Ascalaphus.*

|    |            |          |                    |     |
|----|------------|----------|--------------------|-----|
| 54 | Ascalaphus | Barbarus | Barbarian Lion-Ant | Ib. |
|----|------------|----------|--------------------|-----|

*Panorpa.*

|    |         |          |                     |     |
|----|---------|----------|---------------------|-----|
| 55 | Panorpa | Communis | Common Scorpion-Fly | Ib. |
|----|---------|----------|---------------------|-----|

*Raphidia.*

|    |          |           |                        |     |
|----|----------|-----------|------------------------|-----|
| 56 | Raphidia | Ophiopsis | Serpent-eyed Camel-Fly | Ib. |
|----|----------|-----------|------------------------|-----|

*Cynips.*

|                 |        |                 |                     |     |
|-----------------|--------|-----------------|---------------------|-----|
| 57              | Cynips | Adscendens      | Climbing Gall-Fly   | Ib. |
| 58              |        | Quercus-gemmæ   | Oak-bud ditto       | Ib. |
| 58 <sup>b</sup> |        | Quercus-petoli  | Oak-petiole ditto   | Ib. |
| 58 <sup>c</sup> |        | Testacea        | Testaceous ditto    | Ib. |
| 58 <sup>d</sup> |        | Nigra           | Black ditto         | Ib. |
| 59              |        | Quercus-inferus | Oak-leaf ditto      | Ib. |
| 60              |        | Capreæ          | Goats'-willow ditto | Ib. |

*Tenthredo.*1. *Antennæ Clavate.*

|    |           |           |                      |     |
|----|-----------|-----------|----------------------|-----|
| 61 | Tenthredo | Femorata  | Great-legged Saw-Fly | Ib. |
| 62 |           | Lutea     | Yellow ditto         | Ib. |
| 63 |           | Marginata | White-edged ditto    | Ib. |
| 64 |           | Vitellinæ | Black ditto          | Ib. |



|    |                   |                |        |
|----|-------------------|----------------|--------|
| 65 | Tenthredo Amerinæ | Willow Saw-Fly | Europe |
| 66 | Sericea           | Silky ditto    | Ib.    |

2. *Antennæ inarticulate, thicker at the Tip, sub-ciliated in the Male.*

|    |                 |                        |     |
|----|-----------------|------------------------|-----|
| 67 | Ten. — Ustulata | Blackish Saw-Fly       | Ib. |
| 68 | Enodis          | Violet ditto           | Ib. |
| 69 | Melanochra      | Black and Yellow ditto | Ib. |
| 70 | Tricolor        | Tricoloured ditto      | Ib. |
| 71 | Ochropus        | Yellow-legged ditto    | Ib. |
| 72 | Tricolor        | Variety of 70          | Ib. |

3. *Antennæ pectinated.*

|    |             |                   |     |
|----|-------------|-------------------|-----|
| 73 | Ten. — Pini | Pine-Tree Saw-Fly | Ib. |
|----|-------------|-------------------|-----|

4. *Antennæ sub-clavate, with articulations.*

|                 |                |                     |     |
|-----------------|----------------|---------------------|-----|
| 74              | Ten. — Rustica | Rustic Saw-Fly      | Ib. |
| 75              | Scrophulariæ   | Fig-wort ditto      | Ib. |
| 76              | Sulphurata     | Yellow-legged ditto | Ib. |
| 77              | Flaveola       | Yellowish ditto     | Ib. |
| 78              | Annulata       | Annulated ditto     | Ib. |
| 79              | Rubiginosa     | Rusty ditto         | Ib. |
| 79 <sup>b</sup> | Subulata       | Subulate ditto      | Ib. |

5. *Antennæ filiform—with 7 a 9 Articulations.*

|       |                  |                        |     |
|-------|------------------|------------------------|-----|
| 80    | Ten. — Biscincta | Two-belted Saw-Fly     | Ib. |
| 81    | Lutea            | Yellow-belted ditto    | Ib. |
| 82    | Albicornis       | White-horned ditto     | Ib. |
| 83    | Varia            | Variegated ditto       | Ib. |
| 84    | Atra             | Black ditto            | Ib. |
| 85    | Viridis          | Green ditto            | Ib. |
| 86    | Nassata          | Yellow ditto           | Ib. |
| 87    | Sanguinolenta    | Red-legged ditto       | Ib. |
| 88    | Germanica        | German ditto           | Ib. |
| 89    | Abietis          | Fir-Tree ditto         | Ib. |
| 90    | Salicis          | Willow-Tree ditto      | Ib. |
| 91    | Septentrionalis  | Northern ditto         | Ib. |
| 92    | Albata           | White ditto            | Ib. |
| 93    | Livida           | Livid ditto            | Ib. |
| 94—95 | Canescens        | Grey ditto             | Ib. |
| 96    | Bifasciata       | Two-banded ditto       | Ib. |
| 97    | Braccata         | Pantaloön ditto        | Ib. |
| 98    | Rufipes          | Rufous-legged ditto    | Ib. |
| 99    | Melanoleuca      | Pied ditto             | Ib. |
| 100   | Melanochra       | Black and Yellow ditto | Ib. |
| 101   | Leucopus         | White-shanked ditto    | Ib. |
| 102   | Gonagra          | Rheumatic ditto        | Ib. |



|                  |                   |                        |        |
|------------------|-------------------|------------------------|--------|
| 103              | Ten. — Varicornis | Various-horned Saw-Fly | Europe |
| 104              | Obscura           | Obscure ditto          | Ib.    |
| 105              | Limbata           | Embroidered ditto      | Ib.    |
| 106              | Exalbida          | Whitish ditto          | Ib.    |
| 106 <sup>b</sup> | Ferruginosa       | Ferruginous ditto      | Ib.    |
| 107              | Augusta           | Narrow ditto           | Ib.    |
| 108              | Lutescens         | Yellowish ditto        | Ib.    |
| 109              | Albipes           | White-legged ditto     | Ib.    |
| 110              | Flaviventris      | Yellow-bellied ditto   | Ib.    |
| 111              | Picea             | Pitchy ditto           | Ib.    |
| 112              | Alni              | Alder ditto            | Ib.    |
| 112 <sup>b</sup> | Punctum           | Punctured ditto        | Ib.    |
| 113              | Ovata             | Ovate ditto            | Ib.    |
| 114              | Rosæ              | Rose ditto             | Ib.    |
| 115              | Lata              | Broad ditto            | Ib.    |
| 116              | Bimaculata        | Two-spotted ditto      | Ib.    |
| 117              | Annulicornis      | Black-ringed ditto     | Ib.    |
| 118              | Scripta           | V—marked ditto         | Ib.    |
| 119              | Rapæ              | Rape ditto             | Ib.    |
| 120              | Liturata          | Spotted ditto          | Ib.    |
| 121              | Melanorea         | Black-tailed ditto     | Ib.    |
| 121 <sup>b</sup> | Geminata          | Double-horned ditto    | Ib.    |
| 122              | Morio             | Jester ditto           | Ib.    |
| 123              | Ochrogaster       | Yellow-bodied ditto    | Ib.    |
| 124              | Ruficapilla       | Red-haired ditto       | Ib.    |
| 125              | Vaga              | Wandering ditto        | Ib.    |
| 126              | Capreæ            | Goats'-willow ditto    | Ib.    |
| 127              | Dubia             | Doubtful ditto         | Ib.    |
| 128              | Pallescens        | Palish ditto           | Ib.    |

6. *Antennæ filiform, with numerous articulations.*

|     |                       |                    |     |
|-----|-----------------------|--------------------|-----|
| 129 | Ten. — Erythrocephala | Red-headed Saw-Fly | Ib. |
| 130 | Betulæ                | Beech ditto        | Ib. |
| 131 | Nemoralis             | Forest ditto       | Ib. |
| 132 | Sylvatica             | Wood ditto         | Ib. |

7. *Antennæ filiform, thickish towards the top, with 18 articulations.*

|                  |                |                   |     |
|------------------|----------------|-------------------|-----|
| 132 <sup>b</sup> | Ten — Polygona | Polygonal Saw-Fly | Ib. |
|------------------|----------------|-------------------|-----|

*Sirex.*

|     |             |                      |     |
|-----|-------------|----------------------|-----|
| 133 | Sirex Gigas | Gigantic Tailed-Wasp | Ib. |
| 134 | Cyaneus     | Blue ditto           | Ib. |
| 135 | Nigrata     | Black-blue ditto     | Ib. |
| 136 | Mariscus    | Bulrush ditto        | Ib. |
| 137 | Spectrum    | Spectre ditto        | Ib. |
| 138 | Dromedarius | Dromedary ditto      | Ib. |



*Ichneumon.*1. *Scutel whitish, antennæ annulatè with white.*

|     |           |                |                       |        |
|-----|-----------|----------------|-----------------------|--------|
| 139 | Ichneumon | Pisorius       | Stamper Ichneumon-Fly | Europe |
| 140 |           | Lineolatus     | Lineated ditto        | Ib.    |
| 141 |           | Sigillatorius  | Sealer ditto          | Ib.    |
| 142 |           | Culpatorius    | Censor ditto          | Ib.    |
| 143 |           | Melanogaster   | Black-bellied ditto   | Ib.    |
| 144 |           | Multicolor     | Many-coloured ditto   | Ib.    |
| 145 |           | Dealbatus      | Whitened ditto        | Ib.    |
| 146 |           | Leucumelas     | Pied ditto            | Ib.    |
| 147 |           | Infractorius   | Burglarious ditto     | Ib.    |
| 148 |           | Trilineatus    | Three-lined ditto     | Ib.    |
| 149 |           | Extensorius    | Darter ditto          | Ib.    |
| 150 |           | Brachyanthus   | Short-stinged ditto   | Ib.    |
| 151 |           | Ochropus       | Yellow-legged ditto   | Ib.    |
| 152 |           | Sanguinolentus | Blood-red ditto       | Ib.    |
| 153 |           | Leucostictos   | White-spotted ditto   | Ib.    |
| 154 |           | Biscutatus     | Two-shielded ditto    | Ib.    |
| 155 |           | Raptorius      | Robber ditto          | Ib.    |

2. *Scutel white, antennæ entirely black.*

|                  |       |              |                        |     |
|------------------|-------|--------------|------------------------|-----|
| 156              | Ichn. | Persuasorius | Persuasive Ichn.       | Ib. |
| 156 <sup>b</sup> |       | Flavicans    | Yellowish ditto        | Ib. |
| 157              |       | Fusorius     | Founder ditto          | Ib. |
| 158              |       | Rufipes      | Red-footed ditto       | Ib. |
| 159              |       | Trichrous    | Tricoloured ditto      | Ib. |
| 160              |       | Ochromelas   | Yellow and Black ditto | Ib. |
| 161              |       | Flavatus     | Yellow ditto           | Ib. |
| 162              |       | Bidentorius  | 2-Toothed ditto        | Ib. |
| 163              |       | Lutatorius   | Athletic ditto         | Ib. |
| 163 <sup>b</sup> |       | Auratus      | Gilded ditto           | Ib. |
| 164              |       | Fuscatus     | Dusky ditto            | Ib. |
| 165              |       | Rufatus      | Reddish ditto          | Ib. |
| 166              |       | Fusicornis   | Brown-horned ditto     | Ib. |
| 167              |       | Falcatorius  | Sickle ditto           | Ib. |
| 168              |       | Fuscipes     | Brown-legged ditto     | Ib. |
| 169              |       | Strigosus    | Slender ditto          | Ib. |
| 170              |       | Tripunctatus | Three dotted ditto     | Ib. |
| 171              |       | Bidentatus   | Bidentated ditto       | Ib. |
| 172              |       | Volutatorius | Roller ditto           | Ib. |
| 173              |       | Fossorius    | Pioneer ditto          | Ib. |
| 174              |       | Geminus      | Double ditto           | Ib. |



3. *Scutel the colour of the Thorax, Antennæ annulate.*

|                  |                |                     |        |
|------------------|----------------|---------------------|--------|
| 175              | Ichn. Flavipes | Yellow-footed Ichn. | Europe |
| 176              | Comitator      | Attendant ditto     | Ib.    |
| 177              | Obsoletus      | Obsolete ditto      | Ib.    |
| 178              | Hæmatostoma    | Red-mouthed ditto   | Ib.    |
| 178 <sup>b</sup> | Ochropus       | Yellow-palmed ditto | Ib.    |
| 178 <sup>c</sup> | Melanocephalus | Black-headed ditto  | Ib.    |
| 179              | Macrourus      | Long-tailed ditto   | Ib.    |
| 180              | Depressus      | Depressed ditto     | Ib.    |
| 181              | Profligator    | Chaser ditto        | Ib.    |
| 182              | Ferruginosus   | Ferruginous ditto   | Ib.    |
| 183              | Ochreatus      | Booted ditto        | Ib.    |
| 184              | Discolor       | Particoloured ditto | Ib.    |
| 185              | Clavipes       | Club-legged ditto   | Ib.    |
| 186              | Incubitor      | Oppressor ditto     | Ib.    |
| 187              | Migrator       | Traveller ditto     | Ib.    |
| 188              | Digitatus      | Digitate ditto      | Ib.    |
| 189              | Atratus        | Blackened ditto     | Ib.    |

4. *Scutel the colour of the Thorax, Antennæ black.*

|     |                    |                          |     |
|-----|--------------------|--------------------------|-----|
| 190 | Ichn. Manifestator | Betrayer ditto           | Ib. |
| 191 | Immaculatus        | Spotless ditto           | Ib. |
| 192 | Marginatus         | White-margined ditto     | Ib. |
| 193 | Longipes           | Long-legged ditto        | Ib. |
| 194 | Bisulcus           | Furrowed ditto           | Ib. |
| 195 | Impressus          | Impressed ditto          | Ib. |
| 196 | Bilineatus         | Two-lined ditto          | Ib. |
| 197 | Melanopterus       | Black-winged ditto       | Ib. |
| 198 | Gracilis           | Slender ditto            | Ib. |
| 199 | Adustus            | Singed ditto             | Ib. |
| 200 | Nævius             | Freckled ditto           | Ib. |
| 201 | Cylindricus        | Cylindrical ditto        | Ib. |
| 202 | Pugillator         | Pugilist ditto           | Ib. |
| 203 | Auricapillus       | Golden-haired ditto      | Ib. |
| 204 | Cultratus          | Hooked ditto             | Ib. |
| 205 | Leucopterus        | White-winged ditto       | Ib. |
| 206 | Melanurus          | Black-tailed ditto       | Ib. |
| 207 | Delusor            | Deceiver ditto           | Ib. |
| 208 | Varius             | Various ditto            | Ib. |
| 209 | Compunctor         | Butterfly ditto          | Ib. |
| 210 | Bimaculatus        | Two-spotted ditto        | Ib. |
| 211 | Longispinis        | Long-stinged ditto       | Ib. |
| 212 | Irrorator          | Gold-spot ditto          | Ib. |
| 213 | Versicolor         | Variously-coloured ditto | Ib. |
| 214 | Leucopalpus        | White-feelered ditto     | Ib. |
| 215 | Melanopus          | Black-legged ditto       | Ib. |
| 216 | Leucopus           | White-legged ditto       | Ib. |
| 217 | Variatus           | Variegated ditto         | Ib. |



|     |                   |                          |        |
|-----|-------------------|--------------------------|--------|
| 218 | Ichn. Rubiginosus | Rusty Ichn.              | Europe |
| 219 | Lutescens         | Yellowish ditto          | Ib.    |
| 220 | Niger             | Black ditto              | Ib.    |
| 221 | Hyalinus          | Transparent-winged ditto | Ib.    |
| 222 | Cylindricus       | Variety of 201           | Ib.    |
| 223 | Albipes           | White-footed ditto       | Ib.    |
| 224 | Deustus           | Scorched ditto           | Ib.    |
| 225 | Denigrator        | Lunulated ditto          | Ib.    |
| 226 | Albipalpus        | Variety of 214           | Ib.    |
| 227 | Variegatus        | Pie-bald ditto           | Ib.    |
| 228 | Rufescens         | Reddish ditto            | Ib.    |
| 229 | Lineolaris        | Lineated ditto           | Ib.    |
| 230 | Flavicinctus      | Yellow-belted ditto      | Ib.    |
| 231 | Subfalcatus       | Subfalcate ditto         | Ib.    |
| 232 | Fasciatus         | Fasciated ditto          | Ib.    |
| 233 | Fuscicornis       | Brown-horned ditto       | Ib.    |
| 234 | Chrysopus         | Yellow-footed ditto      | Ib.    |
| 235 | Erythropalpus     | Red-feelered ditto       | Ib.    |
| 236 | Affectator        | Hunter ditto             | Ib.    |
| 237 | Flavipes          | Yellow-footed ditto      | Ib.    |
| 238 | Flavifrons        | Yellow-faced ditto       | Ib.    |
| 239 | Annulatus         | Annulated ditto          | Ib.    |
| 240 | Leucostoma        | White-mouthed ditto      | Ib.    |
| 241 | Turionellæ        | Moth-larva ditto         | Ib.    |
| 242 | Aurifrons         | Golden-faced ditto       | Ib.    |
| 243 | Melanocephalus    | Black-headed ditto       | Ib.    |
| 244 | Rufipes           | Red-legged ditto         | Ib.    |
| 245 | Nigricans         | Blackish ditto           | Ib.    |
| 246 | Ferruginosus      | Ferruginous ditto        | Ib.    |
| 247 | Quadricolor       | 4-Coloured ditto         | Ib.    |
| 248 | 4-Maculatus       | Four-spotted ditto       | Ib.    |
| 249 | Pictus            | Painted ditto            | Ib.    |
| 250 | Bipunctatus       | Two-dotted ditto         | Ib.    |
| 251 | Mærens            | Mourning ditto           | Ib.    |
| 252 | Canescens         | Hoary ditto              | Ib.    |
| 253 | Piceus            | Pitchy ditto             | Ib.    |
| 254 | Flaviventris      | Yellow-bellied ditto     | Ib.    |
| 255 | Fuscescens        | Brownish ditto           | Ib.    |
| 256 | Longipalpis       | Long-feelered ditto      | Ib.    |
| 257 | Albescens         | Whitish ditto            | Ib.    |
| 258 | Striatus          | Striated ditto           | Ib.    |
| 259 | Erythrogaster     | Red-bellied ditto        | Ib.    |
| 260 | Obscurus          | Obscure ditto            | Ib.    |
| 261 | Rubellus          | Reddish-legged ditto     | Ib.    |
| 262 | Coracinus         | Raven-black ditto        | Ib.    |
| 263 | Deauratus         | Yellow-mouthed ditto     | Ib.    |
| 264 | Fulviventris      | Tawny ditto              | Ib.    |
| 265 | Impressus         | Variety of 195           | Ib.    |
| 266 | Senilis           | Grey-headed ditto        | Ib.    |



|     |                 |                        |        |
|-----|-----------------|------------------------|--------|
| 267 | Ichn. Concolor  | Unicoloured Ichn.      | Europe |
| 268 | Rufiventris     | Rufous-bellied ditto   | Ib.    |
| 269 | Rufescens       | Reddish ditto          | Ib.    |
| 270 | Chysogaster     | Golden-bellied ditto   | Ib.    |
| 271 | Vittatus        | Filleted ditto         | Ib.    |
| 272 | Brachyacanthus  | Short-stinged ditto    | Ib.    |
| 273 | Braccatus       | Yellow-thighed ditto   | Ib.    |
| 274 | Melanophthalmus | Black-faced ditto      | Ib.    |
| 275 | Ochrocercus     | White-shanked ditto    | Ib.    |
| 276 | Desertor        | Deserter ditto         | Ib.    |
| 277 | Erythropus      | Rufous-legged ditto    | Ib.    |
| 278 | Hæmotopus       | Bloody-legged ditto    | Ib.    |
| 279 | Leucogonus      | White-jointed ditto    | Ib.    |
| 280 | Albidus         | Pale-shanked ditto     | Ib.    |
| 281 | Luteolus        | Yellowish ditto        | Ib.    |
| 282 | Mixtus          | Mixed ditto            | Ib.    |
| 283 | Melanoleucos    | Black and Yellow ditto | Ib.    |
| 284 | Funebri         | Funereal ditto         | Ib.    |
| 285 | Compressus      | Compressed ditto       | Ib.    |
| 286 | Chrysodes       | Golden-belted ditto    | Ib.    |
| 287 | Depressator     | Depressed ditto        | Ib.    |

5. *Antennæ yellow.*

|     |                 |                        |     |
|-----|-----------------|------------------------|-----|
| 288 | Ichn. Falcifer  | Hooked Ichn.           | Ib. |
| 289 | Glaucopertus    | Glaucous-winged ditto  | Ib. |
| 290 | Luteus          | Yellow ditto           | Ib. |
| 291 | Tenebricosus    | Black-crowned ditto    | Ib. |
| 292 | Circumflexus    | Circumflexed ditto     | Ib. |
| 293 | Nævius          | Freckled ditto         | Ib. |
| 294 | Melanoxanthus   | Black-spotted ditto    | Ib. |
| 295 | Trituberculatus | 3-Tubercled ditto      | Ib. |
| 296 | Albiscutatus    | White-shielded ditto   | Ib. |
| 297 | Lutescens       | Yellowish ditto        | Ib. |
| 298 | Albiventris     | White-bellied ditto    | Ib. |
| 299 | Cultratus       | Falcate ditto          | Ib. |
| 300 | Luteolus        | Pale-yellow ditto      | Ib. |
| 301 | Incisus         | Incised ditto          | Ib. |
| 302 | Annulatus       | Ringed ditto           | Ib. |
| 303 | Venosus         | Veined ditto           | Ib. |
| 304 | Notatus         | White-spotted ditto    | Ib. |
| 305 | Ferruginosus    | Ferruginous ditto      | Ib. |
| 306 | Melanogonus     | Black-jointed ditto    | Ib. |
| 307 | Leucorrhous     | White-tailed ditto     | Ib. |
| 308 | Chrysogaster    | Yellow-bellied ditto   | Ib. |
| 309 | Xanthomelas     | Yellow and Black ditto | Ib. |
| 310 | Crassipes       | Club-legged ditto      | Ib. |

6. *Minute, Antennæ filiform.*

|     |               |                      |     |
|-----|---------------|----------------------|-----|
| 311 | Ichn. Rufulus | Reddish-legged Ichn. | Ib. |
| 312 | Rubens        | Ruddy ditto          | Ib. |



|     |                |                        |        |
|-----|----------------|------------------------|--------|
| 313 | Ichn. Rubellus | Variety of 312         | Europe |
| 314 | Ochropus       | Yellow-footed ditto    | Ib.    |
| 315 | Fuscator       | Dusky ditto            | Ib.    |
| 316 | Rufulus        | Variety of 311         | Ib.    |
| 317 | Discretus      | Distinct ditto         | Ib.    |
| 318 | Ustulatus      | Black-spotted ditto    | Ib.    |
| 319 | Stigma         | 2-spotted ditto        | Ib.    |
| 320 | Albicans       | Whitish ditto          | Ib.    |
| 321 | Subrufus       | Subrufous ditto        | Ib.    |
| 322 | Fuscipes       | Brown-legged ditto     | Ib.    |
| 323 | Bifrons        | Two-faced ditto        | Ib.    |
| 324 | Leucopsis      | White-faced ditto      | Ib.    |
| 325 | Pallescent     | Pale-yellow ditto      | Ib.    |
| 326 | Præustus       | Scorched ditto         | Ib.    |
| 327 | Fuscens        | Brownish ditto         | Ib.    |
| 328 | Leucotarsis    | White-heeled ditto     | Ib.    |
| 329 | Brunneolus     | Chesnut ditto          | Ib.    |
| 330 | Pallens        | Pale ditto             | Ib.    |
| 331 | Bitinctus      | Bicoloured ditto       | Ib.    |
| 332 | Carbonarius    | Black ditto            | Ib.    |
| 333 | Triangulum     | △-Spotted ditto        | Ib.    |
| 334 | Obfuscatus     | Brown-tipt ditto       | Ib.    |
| 335 | Nigricornis    | Black-horned ditto     | Ib.    |
| 336 | Lividus        | Livid ditto            | Ib.    |
| 337 | Ruficornis     | Red-horned ditto       | Ib.    |
| 338 | Flavifrons     | Yellow-faced ditto     | Ib.    |
| 339 | Dentipes       | Toothed-legged ditto   | Ib.    |
| 340 | Lividicornis   | Livid-horned ditto     | Ib.    |
| 341 | Flavescens     | Yellowish ditto        | Ib.    |
| 342 | Lituratus      | Spotted ditto          | Ib.    |
| 343 | Partitus       | Divided ditto          | Ib.    |
| 344 | Conformis      | Similar ditto          | Ib.    |
| 345 | Stramineus     | Straw-coloured ditto   | Ib.    |
| 346 | Pallidus       | Pallid ditto           | Ib.    |
| 347 | Similis        | Like ditto             | Ib.    |
| 348 | Difformis      | Flat ditto             | Ib.    |
| 349 | Subtestaceus   | Sub-testaceous ditto   | Ib.    |
| 350 | Fuliginosus    | Rusty-brown ditto      | Ib.    |
| 351 | Erythrostoma   | Red-mouthed ditto      | Ib.    |
| 352 | Unicolor       | Plain ditto            | Ib.    |
| 353 | Cervinus       | Reddish-brown ditto    | Ib.    |
| 354 | Simplex        | Simple ditto           | Ib.    |
| 355 | Melanopterus   | Black-winged ditto     | Ib.    |
| 356 | Heterogonus    | Variously-legged ditto | Ib.    |
| 357 | Picatus        | Piceus ditto           | Ib.    |
| 358 | Pictus         | Painted ditto          | Ib.    |
| 359 | Testaceus      | Testaceous ditto       | Ib.    |
| 360 | Sublividus     | Sublivid ditto         | Ib.    |
| 361 | Striatus       | Striated ditto         | Ib.    |



|     |                |                        |        |
|-----|----------------|------------------------|--------|
| 362 | Ichn. Nigellus | Blackish Ichn. Fly     | Europe |
| 363 | Dispar         | Unlike ditto           | Ib.    |
| 364 | Chrysostictos  | Golden-spotted ditto   | Ib.    |
| 365 | Xanthuros      | Yellow-stinged ditto   | Ib.    |
| 366 | Isoselus       | Long-stinged ditto     | Ib.    |
| 367 | Imperialis     | Imperial ditto         | Ib.    |
| 368 | Coloratus      | Coloured ditto         | Ib.    |
| 369 | Sulphureus     | Sulphureous ditto      | Ib.    |
| 370 | Diversicolor   | Many-coloured ditto    | Ib.    |
| 371 | Xanthomelas    | Black and Yellow ditto | Ib.    |

7. Minute; Antennæ filiform; Abdomen ovate, sessile.

|     |                  |                     |        |
|-----|------------------|---------------------|--------|
| 372 | Ichn. Bedeguaris | Shining-green ditto | Ib.    |
| 373 | Gallarum         | Oak-gall ditto      | Ib.    |
| 374 | Aphidum          | Aphides ditto       | Ib.    |
| 375 | Sphegum          | Spheges ditto       | Ib.    |
| 376 | Ovulorum         | Egg ditto           | Ib.    |
| 377 | Porrectus        | Extended ditto      | Ib.    |
| 378 | Longicornis      | Long-horned ditto   | Ib.    |
| 379 | Cursitans        | Nimble ditto        | Sweden |

*Evania.*

|     |                 |                        |        |
|-----|-----------------|------------------------|--------|
| 380 | Evania Maculata | Spotted Ichneumon-Wasp | Europe |
| 381 | Nigrita         | Black ditto            | Ib.    |

*Chalcis.*

|                  |                |                   |     |
|------------------|----------------|-------------------|-----|
| 381 <sup>b</sup> | Chaicis Minuta | Minute Ichn. Wasp | Ib. |
|------------------|----------------|-------------------|-----|

*Sphex.*

1. Abdomen petiolate.

|                  |                    |                                           |            |
|------------------|--------------------|-------------------------------------------|------------|
| 382              | Sphex Pensylvanica | Pennsylvanian Savage or<br>Ichneumon Wasp | N. America |
| 383              | Ægyptia            | Egyptian ditto                            | Africa     |
| 384              | Sabulosa           | Gravel ditto                              | Europe     |
| 385              | Arenaria           | Sand ditto                                | Ib.        |
| 386              | Violacea           | Purple ditto                              | C. G. Hope |
| 387              | Cyanea             | Blue ditto                                | America    |
| 388              | Lutaria            | Yellow ditto                              | Germany    |
| 389              | Figulus            | Potter ditto                              | Upsal      |
| 389 <sup>b</sup> | Tomentosa          | Downy ditto                               | Europe     |

2. Abdomen sessile.

|                  |               |                     |         |
|------------------|---------------|---------------------|---------|
| 390              | Sph. Coccinea | Scarlet ditto       | India   |
| 391              | Ruficornis    | Red-horned ditto    | Ib.     |
| 391 <sup>b</sup> | Spinipes      | Thorny-legged ditto | Ib.     |
| 392              | Cærulea       | Cerulean ditto      | America |
| 393              | Fusca         | Brown ditto         | Europe  |



|                  |              |                         |        |
|------------------|--------------|-------------------------|--------|
| 394              | Sph. Viatica | Black-belted Ichn. Wasp | Europe |
| 394 <sup>b</sup> | Guttata      | Dotted ditto            | Ib.    |
| 395              | Rufipes      | Red-legged ditto        | Ib.    |
| 395 <sup>b</sup> | Leucomellis  | Pied ditto              | .....  |
| 396              | Nigra        | Black ditto             | Europe |
| 397              | Melanochlora | Dark-green ditto        | Ib.    |
| 397 <sup>b</sup> | Exaltata     | Elevated ditto          | Ib.    |
| 398              | Testacea     | Testaceous ditto        | Ib.    |

*Tiphia.*

|                  |                 |                    |     |
|------------------|-----------------|--------------------|-----|
| 398 <sup>b</sup> | Tiphia Femorata | Club-legged Tiphia | Ib. |
| 398 <sup>c</sup> | Nigra           | Black ditto        | Ib. |

*Scolia.*

|     |                   |                     |            |
|-----|-------------------|---------------------|------------|
| 399 | Scolia 4-Maculata | Four-spotted Scolia | N. America |
|-----|-------------------|---------------------|------------|

*Chrysis.*

|     |                |                     |        |
|-----|----------------|---------------------|--------|
| 400 | Chrysis Ignita | Ignited Golden-Fly  | Europe |
| 401 | Beryllina      | Berylline ditto     | Ib.    |
| 402 | Thalassina     | Sea-Green ditto     | Ib.    |
| 403 | Lucidula       | Sparkling ditto     | Ib.    |
| 404 | Aurata         | Gilt ditto          | Ib.    |
| 405 | Inermis        | Unarmed ditto       | Ib.    |
| 406 | Chrysorrhousa  | Golden-tailed ditto | Ib.    |
| 407 | Cyanea         | Blue ditto          | Ib.    |
| 408 | Leskii         | Leskean ditto       | Ib.    |

*Leucopsis.*

|     |                     |                         |     |
|-----|---------------------|-------------------------|-----|
| 409 | Leucopsis Dorsigera | Variegated Italian-Wasp | Ib. |
|-----|---------------------|-------------------------|-----|

*Bembyx.*

|                  |                 |                         |            |
|------------------|-----------------|-------------------------|------------|
| 409 <sup>b</sup> | Bembyx Rostrata | Rostrated Solitary-Wasp | Ib.        |
| 409 <sup>c</sup> | Signata         | Variegated ditto        | N. America |

*Vespa.*

|     |                |                        |         |
|-----|----------------|------------------------|---------|
| 410 | Vespa Cincta   | Cinctured Wasp         | Malabar |
| 411 | Crabro         | Hornet ditto           | Europe  |
| 412 | Exotica        | Exotic ditto           | .....   |
| 413 | Vulgaris       | Common ditto           | Europe  |
| 414 | Gallica        | French ditto           | Ib.     |
| 415 | Coarctata      | Small ditto            | Ib.     |
| 416 | Parietum       | Wall ditto             | Ib.     |
| 417 | Spinipes       | Thorny-legged ditto    | Ib.     |
| 418 | Reniformis     | Kidney-shaped ditto    | Ib.     |
| 419 | Melanochra     | Black and Yellow ditto | Ib.     |
| 420 | Melanocephala  | Black-headed ditto     | Ib.     |
| 421 | Erythrocephala | Red-headed ditto       | India   |



|     |                   |                   |        |
|-----|-------------------|-------------------|--------|
| 422 | Vespa Trifasciata | Three-banded Wasp | Europe |
| 423 | Muraria           | Mural ditto       | Ib.    |
| 424 | Bipunctata        | Two-dotted ditto  | Ib.    |

*Crabro.*

|                  |               |                      |     |
|------------------|---------------|----------------------|-----|
| 425              | Crabro Leskii | Leskean Hornet-Wasp  | Ib. |
| 426              | Punctulatus   | Dotted ditto         | Ib. |
| 427              | Argyrostoma   | Silver-lipped ditto  | Ib. |
| 428              | Marginatus    | Marginated ditto     | Ib. |
| 429              | Chrysostoma   | Golden-mouthed ditto | Ib. |
| 430              | Cribrarius    | Sieve-like ditto     | Ib. |
| 431              | Flavipes      | Yellow-legged ditto  | Ib. |
| 432              | Ochropus      | Yellow-footed ditto  | Ib. |
| 433              | Uniglumis     | Mucronate ditto      | Ib. |
| 434              | Unifasciatus  | Single-banded ditto  | Ib. |
| 435              | Mystaceus     | Mystaceous ditto     | Ib. |
| 436              | Melanops      | Black-faced ditto    | Ib. |
| 437              | Subterraneus  | Subterranean ditto   | Ib. |
| 438              | Cylindricus   | Cylindrical ditto    | Ib. |
| 438 <sup>b</sup> | Pubescens     | Downy ditto          | Ib. |
| 439              | Leucostoma    | White-mouthed ditto  | Ib. |
| 440              | Clypeatus     | Shielded ditto       | Ib. |
| 441              | Nigerrimus    | Coal-black ditto     | Ib. |
| 442              | Canescens     | Hoary ditto          | Ib. |
| 443              | Chrysopus     | Golden-legged ditto  | Ib. |
| 444              | Ferrugineus   | Ferruginous ditto    | Ib. |
| 445              | Chysogonus    | Yellow-jointed ditto | Ib. |
| 446              | Immaculatus   | Spotless ditto       | Ib. |
| 447              | Dichrous      | Bicoloured ditto     | Ib. |
| 448              | Tibialis      | Yellow-shanked ditto | Ib. |
| 449              | Clavatus      | Club-legged ditto    | Ib. |
| 450              | Luteus        | Yellow ditto         | Ib. |
| 451              | Braccatus     | Black-thighed ditto  | Ib. |
| 452              | Flavicans     | Yellowish ditto      | Ib. |

*Andrena.*

|                  |                     |                     |       |
|------------------|---------------------|---------------------|-------|
| 453              | Andrena Cærulescens | Bluish Wasp-Bee     | Ib.   |
| 454              | Succincta           | Succinct ditto      | Ib.   |
| 455              | Maculata            | Spotted ditto       | Ib.   |
| 456              | Flavicornis         | Yellow-horned ditto | Ib.   |
| 457              | Fuscicornis         | Brown-horned ditto  | Ib.   |
| 458              | Subvillosa          | Subvillous ditto    | Ib.   |
| 459              | Rubricornis         | Red-horned ditto    | Ib.   |
| 460              | Ænea                | Brassy ditto        | Ib.   |
| 461 <sup>b</sup> | Guttata             | Punctured ditto     | India |



*Apis.*

|     |             |                      |                       |                   |
|-----|-------------|----------------------|-----------------------|-------------------|
| 461 | <i>Apis</i> | <i>Nigrita</i>       | Great Black Bee       | <i>Africa</i>     |
| 462 |             | <i>Violacea</i>      | Purple ditto          | <i>Europe</i>     |
| 463 |             | <i>Brasilianorum</i> | Brasilian ditto       | <i>S. America</i> |
| 464 |             | <i>Terrestris</i>    | Humble ditto          | <i>Europe</i>     |
| 465 |             | <i>Hortorum</i>      | Garden ditto          | <i>Ib.</i>        |
| 466 |             | <i>Lapidaria</i>     | Red-tailed ditto      | <i>Ib.</i>        |
| 467 |             | <i>Sylvarum</i>      | Wood ditto            | <i>Ib.</i>        |
| 468 |             | <i>Muscorum</i>      | Moss ditto            | <i>Ib.</i>        |
| 469 |             | <i>Hypnorum</i>      | Hypnum ditto          | <i>Ib.</i>        |
| 470 |             | <i>Nemorum</i>       | Forest ditto          | <i>Ib.</i>        |
| 471 |             | <i>Hæmorrhœa</i>     | Red-tipped ditto      | <i>Ib.</i>        |
| 472 |             | <i>Leucorrhœusa</i>  | White-tailed ditto    | <i>Ib.</i>        |
| 473 |             | <i>Chalcoptera</i>   | Copper-winged ditto   | <i>India</i>      |
| 474 |             | <i>Cyanoptera</i>    | Blue-winged ditto     | <i>Europe</i>     |
| 475 |             | <i>Nigrocapilla</i>  | Black-haired ditto    | <i>Ib.</i>        |
| 476 |             | <i>Subterranea</i>   | Great Humble ditto    | <i>Ib.</i>        |
| 477 |             | <i>Dentata</i>       | Dentated ditto        | <i>America</i>    |
| 478 |             | <i>Senilis</i>       | Grey ditto            | <i>Europe</i>     |
| 479 |             | <i>Lagopoda</i>      | Hare-legged ditto     | <i>Ib.</i>        |
| 480 |             | <i>Pilipes</i>       | Hairy-legged ditto    | <i>Ib.</i>        |
| 481 |             | <i>Curricularia</i>  | Burrowing ditto       | <i>Ib.</i>        |
| 482 |             | <i>Mellifica</i>     | Hive, or Honey ditto  | <i>Ib.</i>        |
| 483 |             | <i>Cineraria</i>     | Bluish ditto          | <i>Ib.</i>        |
| 484 |             | <i>Manicata</i>      | Gloved ditto          | <i>Ib.</i>        |
| 485 |             | <i>Hæmorrhœa</i>     | Variety of 471        | <i>Ib.</i>        |
| 486 |             | <i>Bicornis</i>      | Horned ditto          | <i>Ib.</i>        |
| 487 |             | <i>Centuncularis</i> | Carpenter ditto       | <i>Ib.</i>        |
| 488 |             | <i>Punctata</i>      | Dotted ditto          | <i>Ib.</i>        |
| 489 |             | <i>Leucopus</i>      | White-legged ditto    | <i>India</i>      |
| 490 |             | <i>Leucomelas</i>    | Black and White ditto | <i>Ib.</i>        |
| 491 |             | <i>Longicornis</i>   | Long-horned ditto     | <i>Europe</i>     |
| 492 |             | <i>Linguaria</i>     | Yellow-lipped ditto   | <i>Ib.</i>        |
| 493 |             | <i>Cincta</i>        | Zoned ditto           | <i>India</i>      |
| 494 |             | <i>Florisomnis</i>   | Flower-sleeper ditto  | <i>Europe</i>     |
| 495 |             | <i>Lutea</i>         | Yellow ditto          | <i>Ib.</i>        |
| 496 |             | <i>Acuminata</i>     | Pointed ditto         | <i>Ib.</i>        |
| 497 |             | <i>Fusciventris</i>  | Brown-bellied ditto   | <i>Ib.</i>        |
| 498 |             | <i>Nigriventris</i>  | Black-bellied ditto   | <i>Ib.</i>        |
| 499 |             | <i>Cinerascens</i>   | Greyish ditto         | <i>Ib.</i>        |
| 500 |             | <i>Leskii</i>        | Leskean ditto         | <i>Ib.</i>        |
| 501 |             | <i>Crocata</i>       | Saffron ditto         | <i>Ib.</i>        |
| 502 |             | <i>Mystacea</i>      | Mystaceous ditto      | <i>Ib.</i>        |
| 503 |             | <i>4-Dentata</i>     | Four-toothed ditto    | <i>Ib.</i>        |
| 504 |             | <i>Conica</i>        | Conical ditto         | <i>Ib.</i>        |
| 505 |             | <i>Liturata</i>      | Spotted ditto         | <i>Ib.</i>        |
| 506 |             | <i>Nebulosa</i>      | Clouded ditto         | <i>Ib.</i>        |



|     |               |                     |        |
|-----|---------------|---------------------|--------|
| 507 | Apis Fulvipes | Tawny-legged Bee    | Europe |
| 508 | Annulus       | Ringed ditto        | Ib.    |
| 509 | Variegata     | Variegated ditto    | Ib.    |
| 510 | Rufa          | Small Field ditto   | Ib.    |
| 511 | Sordida       | Sordid ditto        | Ib.    |
| 512 | Lutescens     | Yellowish ditto     | Ib.    |
| 513 | Maxillosa     | Long-jawed ditto    | Ib.    |
| 514 | Armata        | Armed ditto         | Ib.    |
| 515 | Denticulata   | Denticulated ditto  | Ib.    |
| 516 | Rufescens     | Reddish ditto       | Ib.    |
| 517 | Lutulenta     | Grey-brown ditto    | Ib.    |
| 518 | Chrysostoma   | Yellow-lipped ditto | Ib.    |
| 519 | Ochrocephala  | Yellow-headed ditto | Ib.    |
| 520 | Ursina        | Ursine ditto        | Ib.    |
| 521 | Nigricans     | Blackish ditto      | Ib.    |
| 522 | Cana          | Hoary ditto         | Ib.    |
| 523 | Triangulata   | Triangular ditto    | Ib.    |
| 524 | Annulata      | Annulated ditto     | Ib.    |

*Nomada.*

|     |                    |                          |     |
|-----|--------------------|--------------------------|-----|
| 525 | Nomada Hattorfiana | Hattorfian Wandering-Bee | Ib. |
| 526 | Ruficornis         | Red-horned ditto         | Ib. |
| 527 | Fabriciana         | Fabrician ditto          | Ib. |
| 528 | Gibba              | Gibbous ditto            | Ib. |
| 529 | Cingulata          | Blue-banded ditto        | Ib. |

*Termes.*

|                  |               |           |        |
|------------------|---------------|-----------|--------|
| 529 <sup>b</sup> | Termes Fatale | White Ant | Africa |
|------------------|---------------|-----------|--------|

*Formica.*

|     |                    |                  |        |
|-----|--------------------|------------------|--------|
| 530 | Formica Herculeana | Horse Ant        | Europe |
| 531 | Rufa               | Red ditto        | Ib.    |
| 532 | Fusca              | Brown ditto      | Ib.    |
| 533 | Venosa             | Veined ditto     | .....  |
| 534 | Melanopus          | Black-eyed ditto | Ib.    |
| 535 | Pubescens          | Downy ditto      | Ib.    |
| 536 | Glabra             | Smooth ditto     | Ib.    |
| 537 | Testacea           | Testaceous ditto | Ib.    |
| 538 | Flava              | Yellow ditto     | Ib.    |
| 539 | Cespitum           | Meadow ditto     | Ib.    |
| 540 | Fuscens            | Brownish ditto   | Ib.    |
| 541 | Ruficornis         | Red-horned ditto | Ib.    |

*Mutilla.*

|     |                 |                    |     |
|-----|-----------------|--------------------|-----|
| 542 | Mutilla Europæa | European Naked Bee | Ib. |
|-----|-----------------|--------------------|-----|



## APPENDIX.

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|     |                        |                         |               |
|-----|------------------------|-------------------------|---------------|
| 543 | Bembyx Rufa            | Rufous Solitary-Wasp    | <i>Exotic</i> |
| 544 | Evania Melanocephala   | Black-headed Ichneumon  |               |
|     |                        | Wasp                    | <i>Ib.</i>    |
| 545 | Sphex Caudata          | Tailed Savage           | <i>Europe</i> |
| 546 | Ichneumon Chrysorrhous | Golden-tailed Ichneumon |               |
|     |                        | Fly                     | <i>Ib.</i>    |
| 547 | Tenthredo Saccata      | Full-bodied Saw-Fly     | .....         |
| 548 | Sphex Formicaria       | Ant-sized Savage        | .....         |
| 549 | Sphex Leucoptera       | White-winged ditto      | .....         |



ORDER IV. *Agonata.**Without a lower Jaw.**Scorpio.*

|   |                  |                    |                   |
|---|------------------|--------------------|-------------------|
| 1 | Scorpio Americus | American Scorpion  | <i>S. America</i> |
| 2 | Leskii           | Leskean ditto      | <i>India</i>      |
| 3 | Exoticus         | Exotic ditto       | .....             |
| 4 | Europæus         | European ditto     | <i>Europe</i>     |
| 5 | Multidentatus    | Many-toothed ditto | .....             |
| 6 | Maurus           | Moorish ditto      | <i>Africa</i>     |
| 7 | Carniolicus      | Carniolian         | <i>Europe</i>     |

ORDER V. *Unogata.**Mouth with two jaws and two palpæ, lower jaw usually unguiculate.**Libellula.*

|                |                          |                         |                      |
|----------------|--------------------------|-------------------------|----------------------|
| 1              | Libellula Quadrimaculata | Four-spotted Dragon-Fly | <i>Europe</i>        |
| 1 <sup>b</sup> | Carolina                 | Carolina ditto          | <i>North America</i> |
| 1 <sup>c</sup> | Rubicunda                | Red ditto               | <i>India</i>         |
| 2              | Depressa                 | Depressed ditto         | <i>Europe</i>        |
| 3              | Cancellata               | Cancellate ditto        | <i>Ib.</i>           |
| 4              | Ænea                     | Green-bronzed ditto     | <i>Ib.</i>           |
| 5              | Vulgatissima             | Common ditto            | <i>Ib.</i>           |
| 6              | Vulgata                  | Common Reddish ditto    | <i>Ib.</i>           |
| 7              | Flaveola                 | Yellow ditto            | <i>Ib.</i>           |
| 8              | Umbrata                  | Brown-banded ditto      | <i>S. America</i>    |

*Æshna.*

|    |               |                   |               |
|----|---------------|-------------------|---------------|
| 9  | Æshna Grandis | Great Dragon-Fly  | <i>Europe</i> |
| 10 | Forcipata     | Claw-tailed ditto | <i>Ib.</i>    |

*Agrion.*

|    |              |                  |            |
|----|--------------|------------------|------------|
| 11 | Agrion Virgo | Green Dragon-Fly | <i>Ib.</i> |
| 12 | V.           | Variety of ditto | <i>Ib.</i> |
| 13 | V.           | Variety of ditto | <i>Ib.</i> |
| 14 | Puella       | Blue ditto       | <i>Ib.</i> |



|    |        |    |                       |        |
|----|--------|----|-----------------------|--------|
| 15 | Agrion | P. | Variety of Dragen-Fly | Europe |
| 16 |        | P. | Variety of ditto      | Ib.    |
| 17 |        | P. | Variety of ditto      | Ib.    |

*Julus.*

|    |       |             |                    |     |
|----|-------|-------------|--------------------|-----|
| 18 | Julus | Terrestris  | Common Galley-Worm | Ib. |
| 19 |       | Brunneus    | Brown ditto        | Ib. |
| 20 |       | Complanatus | Flattish ditto     | Ib. |

*Scolopendra.*

|    |             |           |                      |         |
|----|-------------|-----------|----------------------|---------|
| 21 | Scolopendra | Morsitans | Venomous Scolopendra | India   |
| 21 |             | Gigantea  | Gigantic ditto       | America |
| 22 |             | Electrica | Electric ditto       | Europe  |
| 23 |             | Forficata | Forked ditto         | Ib.     |

*Trombidium.*

|    |            |              |                   |     |
|----|------------|--------------|-------------------|-----|
| 24 | Trombidium | Holosericeum | Silky Tick        | Ib. |
| 25 |            | Aquaticum    | Fresh-water ditto | Ib. |

*Aranea.*1—*Eyes placed ::::*

|    |        |            |                   |     |
|----|--------|------------|-------------------|-----|
| 26 | Aranea | Annulata   | Annulated Spider  | Ib. |
| 27 |        | Pallidipes | Pale-legged ditto | Ib. |
| 28 |        | Pallida    | Pallid ditto      | Ib. |

2—*Eyes placed ::::*

|    |     |       |             |     |
|----|-----|-------|-------------|-----|
| 29 | Ar. | Fusca | Brown ditto | Ib. |
|----|-----|-------|-------------|-----|

3—*Eyes placed ::::*

|    |     |          |                  |     |
|----|-----|----------|------------------|-----|
| 30 | Ar. | Testacea | Testaceous ditto | Ib. |
|----|-----|----------|------------------|-----|

4—*Eyes placed ::::*

|    |     |          |              |     |
|----|-----|----------|--------------|-----|
| 31 | Ar. | Fasciata | Banded ditto | Ib. |
|----|-----|----------|--------------|-----|

5—*Eyes placed ::::*

|    |     |          |                     |     |
|----|-----|----------|---------------------|-----|
| 32 | Ar. | Spinosa  | Spinous ditto       | Ib. |
| 33 |     | Fuscata  | Brownish ditto      | Ib. |
| 34 |     | Spinipes | Thorny-legged ditto | Ib. |
| 35 |     | Nigra    | Black ditto         | Ib. |

6—*Eyes placed ::::*

|    |     |           |                  |     |
|----|-----|-----------|------------------|-----|
| 36 | Ar. | Longimana | Long-armed ditto | Ib. |
|----|-----|-----------|------------------|-----|

7—*Eyes placed ::::*

|    |     |            |                      |     |
|----|-----|------------|----------------------|-----|
| 37 | Ar. | Albata     | White-gartered ditto | Ib. |
| 38 |     | Chrysogona | Golden-jointed ditto | Ib. |



- 8—*Eyes placed* ::  
 39 Ar. — Annula Ringed Spider *Europe*  
 9—*Eyes placed* ::  
 40 Ar. — Truncorum Tree ditto *Ib.*  
 10—*Eyes placed* ::  
 41 Ar. — Maculata Spotted ditto *Ib.*  
 11—*Eyes placed* ::  
 42 Ar. — Lutea Yellow ditto *India*  
 12—*Eyes placed* ::  
 43 Ar. — Avicularia Bird ditto *America*  
*Phalangium.*  
 44 Phalangium Caudatum Tailed Long-legged Spider *India*  
 45 Opilio Shepherd-Weaver ditto *Europe*  
*Tarantula.*  
 46 Tarantula Reniforme Kidney-shaped Tarantula *St. Domingo*

## ORDER VI. *Glossata.*

*Mouth with palpæ, and a spiral trunk.*

### *Papilio.*

#### 1 *Equites Troes—Trojans.*

- |            |           |                     |                |
|------------|-----------|---------------------|----------------|
| 1 P. E. T. | Deiphobus | Deiphobus Butterfly | <i>Asia</i>    |
| 2          | Hector    | Hector ditto        | <i>India</i>   |
| 3          | Pammon    | Pammon ditto        | <i>Asia</i>    |
| 4          | Polydamas | Polydamas ditto     | <i>America</i> |
| 5          | Æneas     | Eneas ditto         | <i>India</i>   |

#### 2. *Equites Achivi—Greeks.*

- |            |            |                           |                |
|------------|------------|---------------------------|----------------|
| 6 P. E. A. | Leskii     | Leskean ditto             | <i>India</i>   |
| 7          | Leilus     | Leilus ditto              | <i>America</i> |
| 8          | Podalirius | Scarce Swallow-tail ditto | <i>Europe</i>  |
| 9          | Machaon    | Swallow-tail ditto        | <i>Ib.</i>     |
| 10         | Demoleus   | Demoleus ditto            | <i>India</i>   |



|    |                    |                            |            |
|----|--------------------|----------------------------|------------|
| 11 | P. E. A. Idomeneus | Great Occidental Butterfly | America    |
| 12 | Achilles           | Great Blue-banded ditto    | <i>Ib.</i> |
| 13 | Menelaus           | Silver-blue ditto          | <i>Ib.</i> |
| 14 | Amphimachus        | Amphimachus ditto          | India      |

3. *Heliconii.*

|                 |             |                     |            |
|-----------------|-------------|---------------------|------------|
| 15              | P. H. Lybia | Lybia ditto         | India      |
| 16              | Melpomene   | Melpomene ditto     | America    |
| 17              | Mneme       | Mneme ditto         | India      |
| 18              | Antiocha    | Antiocha ditto      | <i>Ib.</i> |
| 19              | Euterpe     | Euterpe ditto       | America    |
| 20              | Psidii      | White-banded ditto  | India      |
| 21              | Ricini      | Yellow-banded ditto | America    |
| 22              | Thalia      | Thalia ditto        | India      |
| 23              | Clio        | Clio ditto          | America    |
| 23 <sup>b</sup> | Melite      | Melite ditto        | India      |
| 23 <sup>c</sup> | Hippodamia  | Hippodamia ditto    | <i>Ib.</i> |

4. *Parnassii*

|    |              |                         |            |
|----|--------------|-------------------------|------------|
| 24 | P. P. Apollo | Apollo ditto            | Europe     |
| 25 | Mnemosine    | Mnemosine ditto         | <i>Ib.</i> |
| 26 | Hyalinus     | Hyaline ditto           | India      |
| 27 | Rhea         | Rhea ditto              | <i>Ib.</i> |
| 28 | Horta        | Orchard ditto           | Africa     |
| 29 | Cratægi      | Wild-Service Tree ditto | Europe     |

5. *Danai Candidi.*

|    |                |                           |            |
|----|----------------|---------------------------|------------|
| 30 | P. D. C. Trite | Yellow Butterfly          | Africa     |
| 31 | Bicolor        | Bicoloured ditto          | India      |
| 32 | Discors        | Many-coloured ditto       | <i>Ib.</i> |
| 33 | Hyparete       | Hyparete ditto            | <i>Ib.</i> |
| 34 | Fuliginosus    | Dusky ditto               | <i>Ib.</i> |
| 35 | Chrysopterus   | Golden-winged ditto       | <i>Ib.</i> |
| 36 | Brassicæ       | Great Garden-white ditto  | Europe     |
| 37 | Rhamni         | Sulphur-yellow ditto      | <i>Ib.</i> |
| 38 | Daplidice      | Bath-white ditto          | <i>Ib.</i> |
| 39 | Rapæ           | Small Garden-white ditto  | <i>Ib.</i> |
| 40 | Napi           | Green-veined white ditto  | <i>Ib.</i> |
| 41 | Palæno         | Black-tipped yellow ditto | <i>Ib.</i> |
| 42 | Hyale          | Saffron ditto             | <i>Ib.</i> |
| 43 | Cardamines     | Orange-tipped ditto       | <i>Ib.</i> |
| 44 | Sinapis        | Mustard ditto             | <i>Ib.</i> |

6. *Danai Festivi.*

|                 |                  |                          |            |
|-----------------|------------------|--------------------------|------------|
| 45              | P. D. F. Midamus | White-dotted Black ditto | India      |
| 46              | Affinis          | Blue-dotted Brown ditto  |            |
|                 |                  | Companion without dots   | <i>Ib.</i> |
| 46 <sup>a</sup> | Exoticus         | Exotic ditto             | <i>Ib.</i> |



|                 |                   |                        |         |
|-----------------|-------------------|------------------------|---------|
| 46 <sup>c</sup> | P. D. F. Claviger | Club-spotted Butterfly | India   |
| 47              | Murinus           | Mouse-coloured ditto   | Ib.     |
| 48              | Leucostictos      | White-spotted ditto    | Ib.     |
| 49              | Hexophthalmos     | Six-dull-eyed ditto    | Ib.     |
| 50              | Chorinæus         | Chorinæus ditto        | Surinam |
| 51              | Xanthus           | Xanthus ditto          | Asia    |
| 52              | Antiochus         | Antiochus ditto        | China   |
| 53              | Plexippus         | Plexippus ditto        | America |
| 54              | Chrysippus        | Chrysippus ditto       | India   |
| 55              | Strigosus         | Streaked ditto         | Ib.     |
| 56              | Hyperanthus       | Brown Argus ditto      | Europe  |
| 57              | Eribotes          | Eribotes ditto         | India   |

7. *Nymphales Gemmati.*

|                 |               |                                             |         |
|-----------------|---------------|---------------------------------------------|---------|
| 58              | P. N. G. Iris | Emperor of the Woods or<br>Purple Highflyer | Europe  |
| 58 <sup>b</sup> | Lacteolus     | Milk-dropped ditto                          | India   |
| 59              | Bifasciatus   | Banded ditto                                | Ib.     |
| 60              | Cenone        | Cenone ditto                                | Asia    |
| 61              | Laomedia      | Laomedia ditto                              | India   |
| 62              | Lemonias      | Lemonias ditto                              | Ib.     |
| 63              | Minerva       | Minerva ditto                               | America |
| 64              | Almana        | Almana ditto                                | India   |
| 65              | Proserpina    | Proserpine ditto                            | Europe  |
| 66              | Cardui        | Thistle ditto                               | Ib.     |
| 67              | Io.           | Peacock ditto                               | Ib.     |
| 68              | Hermione      | Hermione ditto                              | Ib.     |
| 69              | Briseis       | Briseis ditto                               | Ib.     |
| 70              | Semele        | Great Marble Argus ditto                    | Ib.     |
| 71              | Ianthe major  | Greater Ianthe ditto                        | Ib.     |
| 72              | Ianthe minor  | Less Ianthe ditto                           | Ib.     |
| 73              | Iathrophe     | Glossy-waved ditto                          | America |
| 74              | Galatea       | Less marbled Argus ditto                    | Europe  |
| 75              | Dejanira      | Dejanira ditto                              | Ib.     |
| 76              | Mæra          | Great Argus ditto                           | Ib.     |
| 77              | Megæra        | Orange-Argus ditto                          | Ib.     |
| 78              | Ægeria        | Wood-Argus ditto                            | Ib.     |
| 79              | Janira        | Meadow-Brown ditto                          | Ib.     |
| 80              | Jurtina       | Female of 79                                | Ib.     |
| 80 <sup>b</sup> | Eudora        | Peppered-brown ditto                        | Ib.     |
| 81              | Janiræ Var.   | Variety of 79                               | Ib.     |
| 82              | Fauna         | Wood ditto                                  | Ib.     |
| 83              | Ligea         | Ligea ditto                                 | Ib.     |
| 84              | Eudora        | Same as 80 <sup>b</sup>                     | Ib.     |
| 85              | Phædra        | Phædra ditto                                | Ib.     |

8. *Nymphales Phalerati.*

|    |               |                   |         |
|----|---------------|-------------------|---------|
| 86 | P. N. P. Dido | Dido Butterfly    | America |
| 87 | Alimena       | Blue-banded ditto | India   |



|     |          |              |                                        |        |
|-----|----------|--------------|----------------------------------------|--------|
| 88  | P. N. P. | Sulpitia     | Lunated Butterfly                      | India  |
| 89  |          | Vidua        | Six-spotted ditto                      | Ib.    |
| 90  |          | Phærusa      | Brown-banded ditto                     | Ib.    |
| 91  |          | Leucothoe    | White-banded ditto                     | Ib.    |
| 92  |          | Medea        | Yellow-banded ditto                    | Ib.    |
| 93  |          | Populi       | Poplar ditto                           | Europe |
| 94  |          | Antiopa      | Willow ditto or Camber-<br>well Beauty | Ib.    |
| 95  |          | Atalanta     | Scarlet admirable ditto                | Ib.    |
| 96  |          | Polychlorus  | Elm Tortoise-shell ditto               | Ib.    |
| 97  |          | C-Album      | Comma ditto                            | Ib.    |
| 98  |          | Sibilla      | White-striped ditto                    | Ib.    |
| 99  |          | Lucilla      | White-striped Chesnut<br>ditto         | Ib.    |
| 100 |          | Urticæ       | Nettle Tortoise-shell ditto            | Ib.    |
| 101 |          | Neæra        | Red-tailed ditto                       | India  |
| 102 |          | Prorsa       | Reticulated ditto                      | Europe |
| 103 |          | Levana       | Variegated ditto                       | Ib.    |
| 104 |          | Rumina       | Embroidered ditto                      | Ib.    |
| 105 |          | Cynthia      | Small-marbled ditto                    | Ib.    |
| 106 |          | Cinxia major | Plantain Fritillary                    | Ib.    |
| 107 |          | Materna      | Heath ditto                            | Ib.    |
| 108 |          | Athalia      | Scalloped ditto                        | Ib.    |
| 109 |          | Lucina       | Small ditto                            | Ib.    |
| 110 |          | Vanilla      | Silver-dropped ditto                   | Ib.    |
| 111 |          | Paphia       | Silver-streaked ditto                  | Ib.    |
| 112 |          | Aglaia       | Dark-green ditto                       | Ib.    |
| 113 |          | Adippe       | High-brown ditto                       | Ib.    |
| 114 |          | Niobe        | Pale-spotted ditto                     | Ib.    |
| 115 |          | Chloris      | Black-tipped ditto                     | Ib.    |
| 116 |          | Lathonia     | Small Silver-spotted ditto             | Ib.    |
| 117 |          | Euphrosyne   | April ditto                            | Ib.    |
| 118 |          | Dia          | Least Silver-spotted ditto             | Ib.    |

9. *Plebeii Rurales.*

|     |          |           |                               |         |
|-----|----------|-----------|-------------------------------|---------|
| 119 | P. P. R. | Cupido    | Silver-spotted Hair-streak    | America |
| 120 |          | Æolus     | Black-spotted Blue ditto      | India   |
| 121 |          | Marsyas   | Blue ditto                    | Ib.     |
| 122 |          | Celerio   | Fasciated ditto               | Surinam |
| 123 |          | Annulatus | Annulated ditto               | Ib.     |
| 124 |          | Betulæ    | Brown ditto                   | Europe  |
| 125 |          | Quercus   | Purple ditto                  | Ib.     |
| 126 |          | Pruni     | Orange-spotted Brown<br>ditto | Ib.     |
| 127 |          | Rubi      | Green ditto                   | Ib.     |
| 128 |          | Arion     | Large Blue Butterfly          | Ib.     |
| 129 |          | Corydon   | Chalk-hill ditto              | Ib.     |
| 130 |          | Lunulatus | Lunulated ditto               | Ib.     |



|         |                   |                            |        |
|---------|-------------------|----------------------------|--------|
| 131     | P. P. R. Oculatus | Many-eyed Butterfly        | Europe |
| 132     | Lunulatus         | Variety of 130             | Ib.    |
| 133     | Argus             | Blue Argus ditto           | Ib.    |
| 134     | Argiolus          | Little Argus ditto         | Ib.    |
| 135—136 | Idas              | Brown-Blue ditto           | Ib.    |
| 137     | Argiolus          | Variety of 134             | Ib.    |
| 138     | Cyllarus          | Blue ocellated ditto       | Ib.    |
| 139     | Bellargus         | Clifden Beauty             | Ib.    |
| 140—141 | Tiresias          | Delicately-dotted ditto    | Ib.    |
| 142     | Amphidamas        | Amphidamas ditto           | Ib.    |
| 143     | Eurydice          | Golden ditto               | Ib.    |
| 144     | Virgaurea         | Scarce-Copper ditto        | Ib.    |
| 145     | Hippothoe         | Great-Copper ditto         | Ib.    |
| 146     | Thyra             | Silvery-spotted purple do. | India  |
| 147     | Phlaeas           | Small-Copper ditto         | Europe |
| 148     | Phocas            | Golden-tipped ditto        | Ib.    |
| 149     | Arcanius          | Silver-banded ditto        | Ib.    |
| 150     | Tiphon            | Six-eyed spotted ditto     | Ib.    |
| 151     | Sabæus            | Six-eyed silvery ditto     | Ib.    |
| 152     | Pamphilus         | Small Argus ditto          | Ib.    |

10. *Plebeii Urbicolæ.*

|     |                   |                           |         |
|-----|-------------------|---------------------------|---------|
| 153 | P. B. U. Actorion | Purple-shaded Butterfly   | India   |
| 154 | Æthiops           | Ethiopian ditto           | Africa  |
| 155 | Bixæ              | Anotta ditto              | America |
| 156 | Phidias           | Phidias ditto             | Asia    |
| 157 | Thrax             | Diaphanous Brown ditto    | India   |
| 158 | Proteus           | Variable Long-tailed do.  | America |
| 159 | Steropes          | Small-spotted ditto       | Europe  |
| 160 | Bipunctatus       | Two-dotted ditto          | India   |
| 161 | Fenestratus       | Clear-spotted ditto       | Ib.     |
| 162 | Metis             | Fulvous-spotted ditto     | Ib.     |
| 163 | Comma             | Chequered Skipper         | Europe  |
| 164 | Thaumas           | Small ditto               | Ib.     |
| 165 | Paniscus          | Mottled ditto             | Ib.     |
| 166 | Malvæ             | Grizzle, or spotted ditto | Ib.     |
| 167 | Tages             | Dingy ditto               | Ib.     |

*Sphinx.*

|     |                 |                                     |            |
|-----|-----------------|-------------------------------------|------------|
| 168 | Sphinx Ocellata | Willow Hawk-Moth                    | Europe     |
| 169 | Lugubris        | Chesnut ditto                       | America    |
| 170 | Populi          | Poplar ditto                        | Europe     |
| 171 | Tiliæ           | Lime-Tree ditto                     | Ib.        |
| 172 | Cenotheræ       | Scalloped-winged ditto              | Ib.        |
| 173 | Strigilis       | Gray Spotted ditto                  | America    |
| 174 | Atropos         | Jessamine, or Death's<br>Head ditto | Europe     |
| 175 | Clotho          | Clotho ditto                        | C. G. Hope |



|     |        |            |                          |         |
|-----|--------|------------|--------------------------|---------|
| 176 | Sphinx | Convolvuli | Unicorn or Bindweed Moth | Europe  |
| 177 |        | Ligustri   | Privet ditto             | Ib.     |
| 178 |        | Pinastri   | Pinaster ditto           | Ib.     |
| 179 |        | Euphorbiæ  | Spurge ditto             | Ib.     |
| 180 |        | Lineata    | Lineated ditto           | America |
| 181 |        | Galii      | White-banded ditto       | Germany |
| 182 |        | Vitis      | Vine ditto               | America |
| 183 |        | Immaculata | Ashen ditto              | India   |
| 184 |        | Pluto      | Pluto ditto              | Ib.     |
| 185 |        | Tersa      | Brown-dotted ditto       | America |
| 186 |        | Punctata   | Dotted ditto             | India   |
| 187 |        | Elpenor    | Elephant ditto           | Europe  |
| 188 |        | Porcellus  | Variegated ditto         | Ib.     |

*Sesia.*

|     |       |              |                                  |        |
|-----|-------|--------------|----------------------------------|--------|
| 189 | Sesia | Stellatarum  | Humming-Bird Moth                | Ib.    |
| 190 |       | Fuciformis   | Drone-like ditto                 | Ib.    |
| 191 |       | Apiformis    | Bee-hornet ditto                 | Ib.    |
| 192 |       | Fimbriata    | Fimbriated ditto                 | India  |
| 193 |       | Cingulata    | Three-banded ditto               | Ib.    |
| 194 |       | Spheciformis | Sphex-like ditto                 | Europe |
| 195 |       | Culiciformis | Gnat-like ditto                  | Ib.    |
| 196 |       | Tipuliformis | Currant Sphinx or Small Bee Moth | Ib.    |

*Zygæna.*

|     |        |             |                     |          |
|-----|--------|-------------|---------------------|----------|
| 197 | Zygæna | Filipendulæ | Burnet Moth         | Ib.      |
| 198 |        | Phegea      | Clear-spotted ditto | Ib.      |
| 199 |        | Ephialtes   | Red-dotted ditto    | Ib.      |
| 200 |        | Pythia      | Red-banded ditto    | Ib.      |
| 201 |        | Trifolii    | Trefoil ditto       | Ib.      |
| 202 |        | Cerbera     | Red-belted ditto    | Ethiopia |
| 203 |        | Caffra      | Caffrarian ditto    | Africa   |
| 204 |        | Cyanea      | Blue-backed ditto   | .....    |
| 205 |        | Statice     | Sea-pink ditto      | Europe   |

*Bombyx.*1. *Wings expanded.*

|                  |        |               |                                 |         |
|------------------|--------|---------------|---------------------------------|---------|
| 206              | Bombyx | Atlas         | Atlas Moth                      | Surinam |
| 207              |        | Hesperus      | Hesperus ditto                  | America |
| 208              |        | Pavonia-major | Emperor, or Great Peacock ditto | Europe  |
| 209              |        | Cytherea      | Cape ditto                      | Africa  |
| 210              |        | Pavonia-minor | Small Emperor ditto             | Europe  |
| 210 <sup>b</sup> |        | Leskii        | Leskean ditto                   | India   |
| 211              |        | Tau           | T-marked ditto                  | Europe  |



2. *Wings reversed.*

|                  |              |                        |        |
|------------------|--------------|------------------------|--------|
| 212 Bom. —       | Quercifolia  | Great Lappet Moth      | Europe |
| 213              | Fagi         | Beech ditto            | Ib.    |
| 214              | Quercus      | Great Egger ditto      | Ib.    |
| 215              | Pruni        | Plum-Tree ditto        | Ib.    |
| 216              | Potatoria    | Sipper ditto           | Ib.    |
| 217              | Pini         | Pine Lappet ditto      | Ib.    |
| 218              | Rubi         | Raspberry ditto        | Ib.    |
| 219              | Versicolora  | Variegated ditto       | Ib.    |
| 220              | Vinula       | Puss ditto             | Ib.    |
| 220 <sup>b</sup> | Trifolii     | Meadow ditto           | Ib.    |
| 221              | Dumeti       | Bush ditto             | Ib.    |
| 222              | Lanestris    | Small Egger ditto      | Ib.    |
| 223              | Populi       | December ditto         | Ib.    |
| 224              | Catax        | White-dot Woolly ditto | Ib.    |
| 225              | Processionea | Ashy-brown ditto       | Ib.    |
| 226              | Mori         | Silk-worm ditto        | Ib.    |
| 227              | Neustria     | Lacky ditto            | Ib.    |
| 228              | Castrensis   | Dusky-winged ditto     | Ib.    |
| 229              | Hieracii     | Hawk-weed ditto        | Ib.    |

3. *Wings deflected.*

|                  |               |                          |        |
|------------------|---------------|--------------------------|--------|
| 230 Bom. —       | Cossus        | Goat Moth                | Ib.    |
| 230 <sup>b</sup> | Cyane         | Amboina ditto            | India  |
| 231              | Dispar        | Gipsey ditto             | Europe |
| 232              | Pudibunda     | Yellow Tussock ditto     | Ib.    |
| 233              | Fascelina     | Black Tussock ditto      | Ib.    |
| 234              | Bucephala     | Buff Tip ditto           | Ib.    |
| 235              | Cærulocephala | Black-Thorn ditto        | Ib.    |
| 236              | Ziczac        | Pebble Prominent ditto   | Ib.    |
| 237              | Dromedarius   | Dromedary ditto          | Ib.    |
| 238              | Monacha       | Black-arches ditto       | Ib.    |
| 239              | Curtula       | Glaucous-winged ditto    | Ib.    |
| 240              | Anastomosis   | Scarce Chocolate Tip do. | Ib.    |
| 240 <sup>b</sup> | Murina        | Bronzed ditto            | India  |
| 241              | Oo            | Scalloped-winged ditto   | Europe |
| 242              | Palpina       | Black-veined White ditto | Ib.    |
| 243              | Camelina      | Dark Prominent ditto     | Ib.    |
| 244              | Trepida       | Swallow Prominent ditto  | Ib.    |
| 245              | Lubricipeda   | Spotted Buff ditto       | Ib.    |
| 246              | Sphinx        | Sphinx ditto             | Ib.    |
| 247              | V-Nigrum      | Black-V ditto            | Ib.    |
| 248              | Chrysorrhea   | Yellow-tailed ditto      | Ib.    |
| 248 <sup>b</sup> | Compressa     | Compressed ditto         | Ib.    |
| 249              | Salicis       | White-Satin ditto        | Ib.    |
| 250              | Russula       | Clouded Buff ditto       | Ib.    |
| 251              | Leporina      | Black-dotted ditto       | Ib.    |



|            |             |                      |        |
|------------|-------------|----------------------|--------|
| 252 Bom. — | Bicolora    | Bicoloured Moth      | Europe |
| 253        | Grammica    | Black-streaked ditto | Ib.    |
| 254        | Purpurea    | Purple ditto         | Ib.    |
| 255        | Plantaginis | Wood Tiger ditto     | Ib.    |
| 256        | Aulica      | Yellow-spot ditto    | Ib.    |
| 257        | Villica     | Cream-spot ditto     | Ib.    |
| 258        | Hebe        | White-banded ditto   | Ib.    |
| 259        | Caia        | Great ditto          | Ib.    |
| 260        | Cratægi     | Oak Egger ditto      | Ib.    |
| 261        | Nebulosa    | Clouded ditto        | Ib.    |
| 262        | Strigosa    | Brown-streaked ditto | Ib.    |
| 263        | Albida      | White-streaked ditto | Ib.    |

4. *Wings incumbent.*

|                  |             |                          |         |
|------------------|-------------|--------------------------|---------|
| 264 Bom. —       | Matronula   | Black-banded Tiger Moth  | Ib.     |
| 265              | Credula     | White-dotted ditto       | America |
| 266              | Hera        | Greenish-black ditto     | Europe  |
| 267              | Dominula    | Scarlet ditto            | Ib.     |
| 268              | Crotalariae | Crotalaria ditto         | India   |
| 268 <sup>b</sup> | Panthera    | Panther ditto            | Ib.     |
| 268 <sup>c</sup> | Parthenias  | White-Poplar ditto       | Europe  |
| 268 <sup>d</sup> | Ancilla     | Cinereous-white ditto    | Ib.     |
| 269              | Furcula     | Kitten ditto             | Ib.     |
| 270              | Antiqua     | White-spot Tussock ditto | Ib.     |
| 271              | Gonostigma  | Orange Tussock ditto     | Ib.     |
| 271 <sup>b</sup> | Rosea       | Red-arches ditto         | Ib.     |
| 271 <sup>c</sup> | Cribrum     | Pale-dotted ditto        | Ib.     |
| 272              | Rubricollis | Red-collared ditto       | Ib.     |
| 273              | Jacobææ     | Cinnabar ditto           | Ib.     |
| 274              | Luctifera   | Mourning ditto           | Ib.     |
| 275              | Fuliginosa  | Spotted Red and White    |         |
|                  |             | Underwing ditto          | Ib.     |
| 275 <sup>b</sup> | Limacodes   | Small Ermine ditto       | Ib.     |

*Hepialus.*

|              |               |                      |     |
|--------------|---------------|----------------------|-----|
| 276 Hepialus | Humuli        | Otter, or Ghost Moth | Ib. |
| 277          | Silvina       | Sylvan ditto         | Ib. |
| 278          | Serraticornis | Serrate-horned ditto | Ib. |
| 279          | Hectus        | Golden Swift ditto   | Ib. |
| 280          | Flina         | Pale-banded ditto    | Ib. |

*Noctua.*1. *Thorax smooth—Wings flat, incumbent.*

|            |           |                          |        |
|------------|-----------|--------------------------|--------|
| 281 Noctua | Quadra    | Yellow July Oak Moth     | Europe |
| 282        | Deplana   | Golden-winged Pine ditto | Ib.    |
| 283        | Canescens | Hoary Poplar ditto       | Ib.    |
| 284        | Complana  | Small yellow-winged      |        |
|            |           | Oak ditto                | Ib.    |



2. *Thorax smooth—Wings deflected.*

|                  |        |             |                     |        |
|------------------|--------|-------------|---------------------|--------|
| 285              | Noc. — | Batis       | Peach-blossom Moth  | Europe |
| 285 <sup>b</sup> |        | Ruficornis  | Red-horned ditto    | Ib.    |
| 285 <sup>c</sup> |        | Leucogaster | White-bellied ditto | India  |
| 285 <sup>d</sup> |        | Graminea    | Grass-green ditto   | Europe |
| 286              |        | Glyphica    | Water-betony ditto  | Ib.    |
| 287              |        | Dipsacea    | Teazle ditto        | Ib.    |
| 288              |        | Mi          | M-marked ditto      | Ib.    |
| 289              |        | Geometrica  | Geometrical ditto   | India  |

3. *Thorax crested—Wings incumbent.*

|                  |        |               |                                        |        |
|------------------|--------|---------------|----------------------------------------|--------|
| 290              | Noc. — | Fraxini       | Clifden Moth                           | Europe |
| 290 <sup>b</sup> |        | Materna       | Brown-dotted ditto                     | India  |
| 291              |        | Nupta         | Red-underwing ditto                    | Europe |
| 291 <sup>b</sup> |        | Magna         | Great Eclipse ditto                    | India  |
| 292              |        | Sponsa        | Crimson-underwing ditto                | Europe |
| 293              |        | Maura         | Old-lady ditto                         | Ib.    |
| 294              |        | Paranympa     | Black-streaked ditto                   | Ib.    |
| 295              |        | Fimbria       | Broad-bordered, Yellow-underwing ditto | Ib.    |
| 296              |        | Pronuba       | Great Yellow-underwing ditto           | Ib.    |
| 297              |        | Melanozonias  | Black-zoned ditto                      | Ib.    |
| 298              |        | Libatrix      | Furbelow ditto                         | Ib.    |
| 299              |        | Plecta        | Brown-winged ditto                     | Ib.    |
| 300              |        | Augur         | Black-lettered ditto                   | Ib.    |
| 301              |        | Exclamationis | Exclamation ditto                      | Ib.    |
| 302              |        | L-album       | White-L ditto                          | Ib.    |
| 302 <sup>b</sup> |        | Brassicæ      | Cabbage ditto                          | Ib.    |
| 302 <sup>c</sup> |        | Derasa        | Buff-arches ditto                      | Ib.    |

4. *Thorax crested—Wings deflected.*

|                  |        |                 |                        |     |
|------------------|--------|-----------------|------------------------|-----|
| 303              | Noc. — | Chrysis         | Green Silken Moth      | Ib. |
| 304              |        | Gamma           | Gamma ditto            | Ib. |
| 305              |        | Interrogationis | Interrogation ditto    | Ib. |
| 306              |        | Meticulosa      | Angle-shades ditto     | Ib. |
| 307              |        | Absinthii       | Wormwood ditto         | Ib. |
| 308              |        | Pisi            | Broom ditto            | Ib. |
| 309              |        | Oxyacanthæ      | Ealing's Glory ditto   | Ib. |
| 310              |        | Atriplicis      | Wild-Orach ditto       | Ib. |
| 311              |        | Piramidea       | Copper-underwing ditto | Ib. |
| 312              |        | Oleracea        | Toothed, Garden ditto  | Ib. |
| 313              |        | Leucomelas      | White Spotted ditto    | Ib. |
| 314              |        | Aprilina        | April ditto            | Ib. |
| 314 <sup>b</sup> |        | Virens          | Green-winged ditto     | Ib. |
| 315              |        | Lichenis        | Liver-wort ditto       | Ib. |



|     |                 |                        |        |
|-----|-----------------|------------------------|--------|
| 316 | Noc. — Algæ     | Green-banded Moth      | Europe |
| 317 | Psi             | Grey-dagger ditto      | Ib.    |
| 318 | Persicaria      | Kidney-spot ditto      | Ib.    |
| 319 | Flavicornis     | Yellow-horned ditto    | Ib.    |
| 320 | Triplacia       | Double-curved ditto    | Ib.    |
| 321 | Exoleta         | Sword-Grass ditto      | Ib.    |
| 322 | Verbasci        | Mullein ditto          | Ib.    |
| 323 | Umbratica       | Shark ditto            | Ib.    |
| 324 | Putris          | Brown-marginated ditto | Ib.    |
| 325 | Delphinii       | Larkspur ditto         | Ib.    |
| 326 | Rumicis         | Dock ditto             | Ib.    |
| 327 | Aceris          | Sycamore Tussock ditto | Ib.    |
| 328 | Ornithopos      | Birds'-foot ditto      | Ib.    |
| 329 | Argentea        | Silver-dropped ditto   | Ib.    |
| 330 | Nævia           | Freckled ditto         | Ib.    |
| 331 | Multipunctata   | Many-dotted ditto      | Ib.    |
| 332 | Lutea           | Yellow ditto           | Ib.    |
| 333 | Rubiginosa      | Rusty ditto            | Ib.    |
| 334 | Quadririgosa    | 4-Streaked ditto       | Ib.    |
| 335 | Tricolor        | Tricoloured ditto      | Ib.    |
| 336 | Mendaria        | Varied ditto           | Ib.    |
| 337 | Picta           | Painted ditto          | Ib.    |
| 338 | Bidentata       | 2-Toothed ditto        | Ib.    |
| 339 | Turca           | Turkish ditto          | Ib.    |
| 340 | Cana            | Hoary ditto            | Ib.    |
| 341 | Marmorata       | Marbled ditto          | Ib.    |
| 342 | Nubila          | Cloudy ditto           | Ib.    |
| 343 | Lineolata       | Lineated ditto         | Ib.    |
| 344 | Squalida        | Squalid ditto          | Ib.    |
| 345 | Pupillata       | Brown-eyed ditto       | Ib.    |
| 346 | Substigmatisata | Faintly-marked ditto   | Ib.    |
| 347 | Coriaria        | Brownish-yellow ditto  | Ib.    |
| 348 | Capucina        | Capuchin ditto         | Ib.    |
| 349 | Tripterygia     | White-waved ditto      | Ib.    |
| 350 | Despecta        | Despised ditto         | Ib.    |
| 351 | Macrozonias     | Long-zoned ditto       | Ib.    |
| 352 | Melanosticta    | Black-spotted ditto    | Ib.    |
| 353 | Griseola        | Greyish ditto          | Ib.    |
| 354 | Inconspicua     | Inconspicuous ditto    | Ib.    |
| 355 | Dentata         | Dentated ditto         | Ib.    |
| 356 | Nocturna        | Nocturnal ditto        | Ib.    |
| 357 | Lunularis       | Lunated ditto          | Ib.    |
| 358 | Duplicata       | Double-streaked ditto  | Ib.    |
| 359 | Confusa         | Confused ditto         | Ib.    |
| 360 | Circumflexa     | Silver-waved ditto     | Ib.    |
| 361 | Melanogramma    | Black-lined ditto      | Ib.    |
| 362 | Obfuscata       | Brownish ditto         | Ib.    |
| 363 | Misera          | Decayed ditto          | Ib.    |



|                  |        |               |                       |        |
|------------------|--------|---------------|-----------------------|--------|
| 364              | Noc. — | Obfuscata     | Variety of 362        | Europe |
| 365              |        | Obsolescens   | Faint Moth            | Ib.    |
| 366              |        | Unicolor      | Plain ditto           | Ib.    |
| 367              |        | Leucorrhoea   | White-tailed ditto    | Ib.    |
| 368              |        | Trimaculata   | 3-Spotted ditto       | Ib.    |
| 369              |        | Murina        | Mouse-coloured ditto  | Ib.    |
| 370              |        | Saracenia     | Crescent ditto        | Ib.    |
| 371              |        | Exstincta     | Obsolete ditto        | Ib.    |
| 372              |        | Tristriata    | 3-Streaked ditto      | Ib.    |
| 373              |        | Cervina       | Buff ditto            | Ib.    |
| 374              |        | 8-Maculata    | Eight-spotted ditto   | Ib.    |
| 375              |        | Trichroa      | Variegated ditto      | Ib.    |
| 376              |        | Inscripta     | Lettered ditto        | Ib.    |
| 377              |        | Multipunctata | Many-dotted ditto     | Ib.    |
| 378              |        | Trapetzina    | Nut-Tree ditto        | Ib.    |
| 379              |        | Pallens       | Pale ditto            | Ib.    |
| 379 <sup>b</sup> |        | Discolor      | Discoloured ditto     | Ib.    |
| 379 <sup>c</sup> |        | Fuscellata    | Dusky ditto           | Ib.    |
| 379 <sup>d</sup> |        | Translucens   | Translucent ditto     | Ib.    |
| 380              |        | Trilunata     | Three-mooned ditto    | Ib.    |
| 381              |        | Mærens        | Sorrowful ditto       | Ib.    |
| 382              |        | Adumbrata     | Shaded ditto          | Ib.    |
| 383              |        | Retusa        | Willow ditto          | Ib.    |
| 384              |        | Inspersa      | Grey-dotted ditto     | Ib.    |
| 385              |        | Inflexa       | Waved ditto           | Ib.    |
| 385 <sup>b</sup> |        | Arbuti        | Strawberry-Tree ditto | Ib.    |

*Phalæna.*

|                  |         |              |                       |        |
|------------------|---------|--------------|-----------------------|--------|
| 386              | Phalæna | Lactearia    | Milk-white Moth       | Ib.    |
| 386 <sup>b</sup> |         | Punctaria    | Dotted ditto          | Ib.    |
| 387              |         | Amataria     | Buff Argus ditto      | Ib.    |
| 388              |         | Falcataria   | Falcated ditto        | Ib.    |
| 389              |         | Lacertinaria | Wild-Rose ditto       | Ib.    |
| 390              |         | Alniaria     | Alder ditto           | Ib.    |
| 391              |         | Syringaria   | Richmond Beauty ditto | Ib.    |
| 292              |         | Lunaria      | Beautiful Thorn ditto | Ib.    |
| 393              |         | Dolabraria   | Common Thorn ditto    | Ib.    |
| 394              |         | Crocata      | Yellow Thorn          | Ib.    |
| 395              |         | Strigaria    | Striated ditto        | India  |
| 396              |         | Sambucaria   | Swallow-tail ditto    | Europe |
| 397              |         | Atomaria     | Dark Heath ditto      | Ib.    |
| 398              |         | Pennaria     | Feathered ditto       | Ib.    |
| 399              |         | Papilionaria | Large Emerald ditto   | Ib.    |
| 400              |         | Prunaria     | Orange ditto          | Ib.    |
| 401              |         | Lunularia    | Brown Thorn ditto     | Ib.    |
| 402              |         | Circularia   | Ringed ditto          | Ib.    |
| 403              |         | Strigaria    | 4-Streaked ditto      | Ib.    |
| 404              |         | Discaria     | Moon-skirted ditto    | Ib.    |



|         |         |                |                              |        |
|---------|---------|----------------|------------------------------|--------|
| 405     | Phalæna | Lutearia       | Yellowish Moth               | Europe |
| 406     |         | Grisearia      | Yellowish-grey ditto         | Ib.    |
| 407     |         | Variegataria   | Variegated ditto             | Ib.    |
| 408     |         | Trifasciaria   | Three-banded ditto           | Ib.    |
| 409     |         | Limbaria       | Yellow-bordered ditto        | Ib.    |
| 410     |         | Prasinaria     | Onyx ditto                   | Ib.    |
| 411     |         | Bistrigaria    | 2-Streaked ditto             | Ib.    |
| 412     |         | Turcaria       | Yellow, Brown-streaked ditto | Ib.    |
| 413     |         | Piniaria       | Pine Tree ditto              | Ib.    |
| 414     |         | Pusaria        | White Brown-streaked do.     | Ib.    |
| 415     |         | Fuliginaria    | Clouded ditto                | Ib.    |
| 416     |         | Conspersaria   | Spattered ditto              | Ib.    |
| 417     |         | Immacularia    | Spotless ditto               | Ib.    |
| 418     |         | Arcuaria       | Arched ditto                 | Ib.    |
| 419     |         | Annularia      | Annular ditto                | Ib.    |
| 420     |         | Wavaria        | L or Gooseberry ditto        | Ib.    |
| 421     |         | Circæaria      | Circular ditto               | Ib.    |
| 422     |         | Purpuraria     | Purple-bordered ditto        | Ib.    |
| 423     |         | Sesquiteriaria | Spotted ditto                | Ib.    |
| 424     |         | Semitectaria   | Brown-veined ditto           | Ib.    |
| 425     |         | Terminaria     | Terminal ditto               | Ib.    |
| 426     |         | Unipunctaria   | Single-dotted ditto          | Ib.    |
| 427—428 |         | Pallidaria     | Palish ditto                 | Ib.    |
| 429     |         | Dentaria       | Dentated ditto               | Ib.    |
| 430     |         | Dubitata       | Tissue ditto                 | Ib.    |

2. *Antennæ setaceous.*

|                  |         |                |                         |     |
|------------------|---------|----------------|-------------------------|-----|
| 431              | Phal. — | Stramineata    | Dusty-yellow Moth       | Ib. |
| 432              |         | Rufata         | Pale-Red ditto          | Ib. |
| 433              |         | Grossulariata  | Currant ditto           | Ib. |
| 434              |         | 5-Faciata      | Five-banded ditto       | Ib. |
| 435              |         | Denotata       | Green-shaded ditto      | Ib. |
| 435 <sup>b</sup> |         | Infuscata      | Brown-streaked ditto    | Ib. |
| 436              |         | Quadrifasciata | Four-banded ditto       | Ib. |
| 437              |         | Dealbata       | White ditto             | Ib. |
| 438              |         | Bifasciata     | Two-banded ditto        | Ib. |
| 439              |         | Falcata        | Falcated ditto          | Ib. |
| 440              |         | Denticulata    | Denticulated ditto      | Ib. |
| 441              |         | Sinurata       | White-waved ditto       | Ib. |
| 442              |         | Lobata         | Lobed ditto             | Ib. |
| 443              |         | Cratægata      | Oak, or Brimstone ditto | Ib. |
| 444              |         | Undulata       | Many-waved ditto        | Ib. |
| 445              |         | Pollinata      | Dusty ditto             | Ib. |
| 446              |         | Unifasciata    | One-banded ditto        | Ib. |
| 447              |         | Trizonata      | Three-zoned ditto       | Ib. |
| 448              |         | Griseata       | Reddish grey ditto      | Ib. |
| 449              |         | Luteata        | Yellow-banded ditto     | Ib. |



|     |                  |                             |               |
|-----|------------------|-----------------------------|---------------|
| 450 | Phal. — Fasciata | White-banded Moth           | <i>India</i>  |
| 451 | Triangulata      | White Delta ditto           | <i>Europe</i> |
| 452 | Tristrigata      | Three-streaked ditto        | <i>Ib.</i>    |
| 453 | Quadristrigata   | Four-streaked ditto         | <i>Ib.</i>    |
| 454 | Sesquitertiata   | Finely-streaked ditto       | <i>Ib.</i>    |
| 455 | Bistrigata       | Two-streaked ditto          | <i>Ib.</i>    |
| 456 | Incinerata       | Faintly-lined ditto         | <i>Ib.</i>    |
| 457 | Dimidiata        | Half-streaked ditto         | <i>Ib.</i>    |
| 458 | Sesquistrigata   | Substriate ditto            | <i>Ib.</i>    |
| 459 | Arcuata          | Arched ditto                | <i>Ib.</i>    |
| 460 | Subquadrata      | Square-Spot ditto           | <i>Ib.</i>    |
| 461 | Notata           | 4-Dotted ditto              | <i>Ib.</i>    |
| 462 | Emarginata       | Emarginate ditto            | <i>Ib.</i>    |
| 463 | Innominata       | Plain ditto                 | <i>Ib.</i>    |
| 464 | Atomata          | Green-dotted ditto          | <i>Ib.</i>    |
| 465 | Intaminata       | Immaculate ditto            | <i>Ib.</i>    |
| 466 | Geminata         | Brown-bordered ditto        | <i>Ib.</i>    |
| 467 | Fasciolata       | Brown & Yellow-banded ditto | <i>Ib.</i>    |
| 468 | Conspersata      | Sprinkled ditto             | <i>Ib.</i>    |
| 469 | Obumbrata        | Shaded ditto                | <i>Ib.</i>    |
| 470 | Contaminata      | Yellow-stained ditto        | <i>Ib.</i>    |
| 471 | Tæniolata        | Broad-banded ditto          | <i>Ib.</i>    |
| 472 | Obsoleta         | Obsolete ditto              | <i>Ib.</i>    |
| 473 | Trimaculata      | Three-spotted ditto         | <i>Ib.</i>    |
| 474 | Subarcuata       | Brown-arched ditto          | <i>Ib.</i>    |
| 475 | Quadrifasciata   | Four-banded ditto           | <i>Ib.</i>    |
| 476 | Atrata           | Blackened ditto             | <i>Ib.</i>    |
| 477 | Tristata         | Mourning ditto              | <i>Ib.</i>    |
| 478 | Clathrata        | Pale Heath ditto            | <i>Ib.</i>    |
| 479 | Chærophyllata    | Great Chimney Sweeper ditto | <i>Ib.</i>    |
| 480 | Maculata         | Dark-spotted ditto          | <i>Ib.</i>    |
| 481 | Quadrilineata    | Four-lined ditto            | <i>Ib.</i>    |
| 482 | Tristrigata      | Variety of 452              | <i>Ib.</i>    |
| 483 | Decolorata       | Discoloured ditto           | <i>Ib.</i>    |
| 484 | Bistrigata       | Variety of 455              | <i>Ib.</i>    |
| 485 | Quadrilineata    | Variety of 481              | <i>Ib.</i>    |
| 486 | Tristrigata      | Variety of 452              | <i>Ib.</i>    |
| 487 | Strigilata       | Palish ditto                | <i>Ib.</i>    |
| 488 | Denigrata        | Dotted Arches ditto         | <i>Ib.</i>    |
| 489 | Aurata           | Spotless-yellow ditto       | <i>Ib.</i>    |
| 490 | Zonata           | White-zoned ditto           | <i>Ib.</i>    |
| 491 | Tercingulata     | Yellow-bordered ditto       | <i>Ib.</i>    |
| 492 | Mundata          | Cinereous ditto             | <i>Ib.</i>    |
| 493 | Albeolata        | Whitish-banded ditto        | <i>Ib.</i>    |
| 494 | Cinerata         | Ash-coloured ditto          | <i>Ib.</i>    |
| 495 | Substriata       | Whitish-striped ditto       | <i>Ib.</i>    |



|                  |         |               |                          |                |
|------------------|---------|---------------|--------------------------|----------------|
| 496              | Phal. — | Decolorata    | Pale-streaked Moth       | <i>Europe</i>  |
| 496 <sup>b</sup> |         | Prunata       | Phenix ditto             | <i>Ib.</i>     |
| 497              |         | Bilineata     | Two-lined ditto          | <i>Ib.</i>     |
| 498              |         | Bimaculata    | Two-spotted ditto        | <i>Ib.</i>     |
| 499              |         | Ocellata      | Black-eyed ditto         | <i>Ib.</i>     |
| 500              |         | Marginata     | Brown-margined ditto     | <i>Ib.</i>     |
| 501              |         | Albo-punctata | White-dotted ditto       | <i>Ib.</i>     |
| 502              |         | Obliterata    | Obliterated ditto        | <i>Ib.</i>     |
| 503              |         | Angustata     | Blue-banded ditto        | <i>Ib.</i>     |
| 504              |         | Bipunctata    | Double-dotted ditto      | <i>Ib.</i>     |
| 505              |         | Infuscata     | Brown ditto              | <i>Ib.</i>     |
| 506              |         | Incurvata     | Incurved ditto           | <i>Ib.</i>     |
| 507              |         | Stigmatisata  | Brown-spot ditto         | <i>Ib.</i>     |
| 508              |         | Bicolorata    | Pied ditto               | <i>Ib.</i>     |
| 509              |         | Tricolor      | Tricoloured ditto        | <i>Ib.</i>     |
| 510              |         | 5-Strigata    | Five-streaked ditto      | <i>Ib.</i>     |
| 511              |         | Triplicata    | Faintly-streaked ditto   | <i>Ib.</i>     |
| 512              |         | Phaseolata    | Kidney-spotted ditto     | <i>Ib.</i>     |
| 513              |         | Angulata      | Pale-angular ditto       | <i>Ib.</i>     |
| 514              |         | Funerata      | Black-winged ditto       | <i>Ib.</i>     |
| 515              |         | Inspectata    | Pale-double-streaked do. | <i>Ib.</i>     |
| 516              |         | Fulvata       | Fulvous ditto            | <i>Ib.</i>     |
| 517              |         | Quinquezonata | Five-zoned ditto         | <i>Ib.</i>     |
| 518              |         | Nebulata      | Clouded ditto            | <i>Ib.</i>     |
| 519              |         | Scripturata   | Black-streaked ditto     | <i>Ib.</i>     |
| 520              |         | Venulata      | Variously-veined ditto   | <i>Ib.</i>     |
| 521              |         | Liturata      | Spotted ditto            | <i>Ib.</i>     |
| 522              |         | Despectata    | Despised ditto           | <i>Ib.</i>     |
| 523              |         | Atramentata   | Blotted ditto            | <i>Ib.</i>     |
| 524              |         | Aspernata     | Rusty-bordered ditto     | <i>Ib.</i>     |
| 525              |         | Punctillata   | Aspersed ditto           | <i>Ib.</i>     |
| 526              |         | Nubilata      | Brown & Grey ditto       | <i>Ib.</i>     |
| 227              |         | Terminata     | Terminal ditto           | <i>Ib.</i>     |
| 528              |         | Biguttata     | Brown-spotted ditto      | <i>Ib.</i>     |
| 529              |         | Obscurata     | Obscured ditto           | <i>Ib.</i>     |
| 530              |         | Illustrata    | Hyaline ditto            | <i>Ib.</i>     |
| 531              |         | Umbrata       | Yellow-spotted ditto     | <i>Ib.</i>     |
| 532              |         | Urticata      | Nettle ditto             | <i>Ib.</i>     |
| 533              |         | Crocata       | Yellow-streaked ditto    | <i>Ib.</i>     |
| 534              |         | Decolorata    | Variety of 496           | <i>Ib.</i>     |
| 535              |         | Nympheata     | Water-Lily ditto         | <i>Ib.</i>     |
| 536              |         | Hyalinata     | Transparent-winged ditto | <i>America</i> |
| 537              |         | Potamogata    | Pond-weed ditto          | <i>Europe</i>  |
| 538              |         | Limbata       | Embroidered ditto        | <i>Ib.</i>     |
| 539              |         | Lemnata       | Small white China-mark   | <i>Ib.</i>     |
|                  |         |               | ditto                    | <i>Ib.</i>     |
| 540              |         | Conspurcata   | Yellow-tinged ditto      | <i>Ib.</i>     |
| 541              |         | Ferruginata   | Obliquely-streaked ditto | <i>Ib.</i>     |



3. *Wings forked.*

|         |         |               |                          |               |
|---------|---------|---------------|--------------------------|---------------|
| 542     | Phal. — | Proboscidalis | Proboscis Moth           | <i>Europe</i> |
| 543—544 |         | Bistrigalis   | Two-streaked ditto       | <i>Ib.</i>    |
| 545     |         | Verticalis    | Mother of Pearl ditto    | <i>Ib.</i>    |
| 546     |         | Pinguinalis   | Larder ditto             | <i>Ib.</i>    |
| 547     |         | Atomalis      | Minutely-dotted ditto    | <i>Ib.</i>    |
| 548     |         | Sulphuralis   | Sulphural ditto          | <i>Ib.</i>    |
| 549     |         | Pallidalis    | Pale-winged ditto        | <i>Ib.</i>    |
| 550     |         | Grisealis     | Grey ditto               | <i>Ib.</i>    |
| 551     |         | Obliqualis    | Obliquely-streaked ditto | <i>Ib.</i>    |
| 552     |         | Bimacularis   | Two-spotted ditto        | <i>Ib.</i>    |
| 553     |         | Tentacularis  | Tentacular ditto         | <i>Ib.</i>    |
| 554     |         | Barbalis      | Trefoil ditto            | <i>Ib.</i>    |
| 555     |         | Sordidalis    | Sordid ditto             | <i>Ib.</i>    |
| 556     |         | Submarginalis | Bound ditto              | <i>Ib.</i>    |
| 557     |         | Substrialis   | Faintly-streaked ditto   | <i>Ib.</i>    |
| 558     |         | Geminalis     | Two-streaked ditto       | <i>Ib.</i>    |
| 559     |         | Fulvalis      | Yellowish ditto          | <i>Ib.</i>    |
| 560     |         | Purpuralis    | Purple ditto             | <i>Ib.</i>    |
| 561     |         | Atralis       | Blackish ditto           | <i>Ib.</i>    |
| 562     |         | Reticularis   | Reticulated ditto        | <i>Ib.</i>    |
| 563     |         | Flavalis      | Yellow ditto             | <i>Ib.</i>    |

*Pyralis.*

|     |         |              |                          |            |
|-----|---------|--------------|--------------------------|------------|
| 564 | Pyralis | Mundana      | Clear-winged Moth        | <i>Ib.</i> |
| 565 |         | Uncana       | White-margined ditto     | <i>Ib.</i> |
| 566 |         | Decussana    | Silvery-barred ditto     | <i>Ib.</i> |
| 567 |         | Ameriana     | Amerian, or Willow ditto | <i>Ib.</i> |
| 568 |         | Rosana       | Rose Tree ditto          | <i>Ib.</i> |
| 569 |         | Ministrana   | White-lined ditto        | <i>Ib.</i> |
| 570 |         | Cruciana     | Cross-barred ditto       | <i>Ib.</i> |
| 571 |         | Arcuana      | Silvery-dotted ditto     | <i>Ib.</i> |
| 572 |         | Lecheana     | Lechean ditto            | <i>Ib.</i> |
| 573 |         | Brunnichana  | Brown ditto              | <i>Ib.</i> |
| 574 |         | Operana      | Dusty ditto              | <i>Ib.</i> |
| 575 |         | Modeeriana   | Modeerian ditto          | <i>Ib.</i> |
| 576 |         | Bergmanniana | Bergmannian ditto        | <i>Ib.</i> |
| 577 |         | Conwagana    | Conwayan ditto           | <i>Ib.</i> |
| 578 |         | Scabrana     | Rough Oak ditto          | <i>Ib.</i> |
| 579 |         | Cynosbana    | White-tipped ditto       | <i>Ib.</i> |
| 580 |         | Resinana     | Silvery-lined ditto      | <i>Ib.</i> |
| 581 |         | Argentana    | Silvery-banded ditto     | <i>Ib.</i> |
| 582 |         | Pullana      | Brown-dotted ditto       | <i>Ib.</i> |
| 583 |         | Discana      | Brown-edged ditto        | <i>Ib.</i> |
| 584 |         | Bifasciana   | Two-banded ditto         | <i>Ib.</i> |
| 585 |         | Curvana      | Recurved ditto           | <i>Ib.</i> |
| 586 |         | Obliquana    | Oblique ditto            | <i>Ib.</i> |
| 587 |         | Nigrana      | Black-spotted ditto      | <i>Ib.</i> |



|     |         |               |                         |        |
|-----|---------|---------------|-------------------------|--------|
| 588 | Pyralis | Cinerana      | Cinereous Moth          | Europe |
| 589 |         | Gnomana       | Testaceous-banded ditto | Ib.    |
| 590 |         | Transversana  | Transversely-banded do. | Ib.    |
| 591 |         | Interruptana  | Interrupted ditto       | Ib.    |
| 592 |         | Mediana       | Mediate ditto           | Ib.    |
| 593 |         | Bipunctana    | Two-dotted ditto        | Ib.    |
| 594 |         | Sesquiteriana | Variegated ditto        | Ib.    |

*Tinea.*

|     |       |               |                        |     |
|-----|-------|---------------|------------------------|-----|
| 595 | Tinea | Evonymella    | Small Ermine Moth      | Ib. |
| 596 |       | Padella       | Black-dotted ditto     | Ib. |
| 597 |       | Pusiella      | Bluish-grey ditto      | Ib. |
| 598 |       | Lutarella     | Yellow ditto           | Ib. |
| 599 |       | Oxyacanthella | Thorn ditto            | Ib. |
| 600 |       | Pratella      | Small Meadow ditto     | Ib. |
| 601 |       | Mesomella     | Brown-dotted ditto     | Ib. |
| 602 |       | Pascuella     | Small Pasture ditto    | Ib. |
| 603 |       | Culmella      | Small Straw ditto      | Ib. |
| 604 |       | Carnella      | Small Rosy ditto       | Ib. |
| 605 |       | Cucullatella  | Brown-crescent ditto   | Ib. |
| 606 |       | Lucatella     | White-banded ditto     | Ib. |
| 607 |       | Bractella     | Tinsel ditto           | Ib. |
| 608 |       | Calthella     | May-flower ditto       | Ib. |
| 609 |       | Frischella    | Bronzed ditto          | Ib. |
| 610 |       | Raiella       | Silvery-spotted ditto  | Ib. |
| 611 |       | Tricolorella  | Tricoloured ditto      | Ib. |
| 612 |       | Clerkella     | Silvery-tailed ditto   | Ib. |
| 613 |       | Obliquella    | Oblique ditto          | Ib. |
| 614 |       | Trifasciella  | Three-banded ditto     | Ib. |
| 615 |       | Fulvella      | Fulvous ditto          | Ib. |
| 616 |       | Vittatella    | White-filleted ditto   | Ib. |
| 617 |       | Metallella    | Silvery-gilt ditto     | Ib. |
| 618 |       | Argyrella     | Silvered ditto         | Ib. |
| 619 |       | Tridentella   | Tridentated ditto      | Ib. |
| 620 |       | 4-Maculella   | Four-spotted ditto     | Ib. |
| 621 |       | Cinerella     | Cinereous ditto        | Ib. |
| 622 |       | Clavatella    | Club-spotted ditto     | Ib. |
| 623 |       | Arcuella      | Silvery-arched ditto   | Ib. |
| 624 |       | Albella       | Whitish ditto          | Ib. |
| 625 |       | Argentatella  | Silvery-margined ditto | Ib. |
| 626 |       | Granulella    | Grey-dotted ditto      | Ib. |
| 627 |       | Fimbriatella  | Fringed ditto          | Ib. |
| 628 |       | Confluella    | Confluent ditto        | Ib. |
| 629 |       | Auratella     | Golden-spotted ditto   | Ib. |
| 630 |       | Sulcatella    | Furrowed ditto         | Ib. |
| 631 |       | Fimbriella    | Pale-edged ditto       | Ib. |
| 632 |       | Variella      | Variegated ditto       | Ib. |



*Alucida.*

|     |                        |                       |        |
|-----|------------------------|-----------------------|--------|
| 633 | Alucida Swammerdamella | Pale Long-horned Moth | Europe |
| 634 | Robertella             | Brown ditto           | Ib.    |
| 635 | Degeerella             | Japanned ditto        | Ib.    |
| 636 | Longicornella          | Bronzed ditto         | Ib.    |
| 637 | Atomella               | Dotted ditto          | Ib.    |
| 638 | Porphyrozonella        | Purple-zoned ditto    | Ib.    |

*Pterophorus.*

|     |                    |                       |     |
|-----|--------------------|-----------------------|-----|
| 639 | Pterop. Didactylus | Brown Feathered Moth  | Ib. |
| 640 | Tridactylus        | Brown and white ditto | Ib. |
| 641 | Tessaradactylus    | Clouded ditto         | Ib. |
| 642 | Pentadactylus      | White ditto           | Ib. |
| 643 | Hexadactylus       | Many-plumed ditto     | Ib. |

ORDER VII. *Ryngota.*

*Mouth with a snout—sheath jointed,*

*Fulgora.*

|   |                     |                      |         |
|---|---------------------|----------------------|---------|
| 1 | Fulgora Lanternaria | Peruvian Lantern Fly | America |
| 2 | Candelaria          | Chinese ditto        | Asia    |
| 3 | Europæa             | European ditto       | Europe  |

*Membracis.*

|   |                   |                     |             |
|---|-------------------|---------------------|-------------|
| 4 | Membracis Foliata | Spotted Frog-hopper | Surinam     |
| 5 | Aurita            | Long-eared ditto    | Europe      |
| 6 | Cornuta           | Horned ditto        | Ib.         |
| 7 | Bipunctata        | Two-dotted ditto    | New Holland |

*Tettigonia.*

|    |                   |                     |            |
|----|-------------------|---------------------|------------|
| 8  | Tettigonia Atrata | Black Frog-hopper   | China      |
| 9  | Tibicen           | Minstrel ditto      | America    |
| 10 | Hæmatodes         | Sanguineous ditto   | Europe     |
| 11 | Stridula          | Chirping ditto      | C. G. Hope |
| 12 | Septendecim       | Yellow-veined ditto | America    |

*Cicada.*

|    |                      |                         |       |
|----|----------------------|-------------------------|-------|
| 13 | Cicada Perspicillata | Transparent Flea-Locust | India |
| 14 | Lanata               | Woolly-tailed ditto     | Ib.   |



|                 |        |              |                     |                |
|-----------------|--------|--------------|---------------------|----------------|
| 15              | Cicada | Rubra        | Red Flea-Locust     | <i>America</i> |
| 16              |        | Viridis      | Green ditto         | <i>Europe</i>  |
| 17              |        | Nervosa      | Nerved ditto        | <i>Ib.</i>     |
| 18              |        | Cynosbatis   | Rose-bud ditto      | <i>Denmark</i> |
| 19              |        | Leucocephala | White-headed ditto  | <i>Europe</i>  |
| 20              |        | Biguttata    | Two-spotted ditto   | <i>Ib.</i>     |
| 21              |        | Variegata    | Variegated ditto    | <i>Ib.</i>     |
| 22              |        | Rosæ         | Rose-Tree ditto     | <i>Ib.</i>     |
| 23              |        | Cuspidata    | Small Grey ditto    | <i>England</i> |
| 24              |        | Punctata     | Dotted ditto        | <i>Europe</i>  |
| 25              |        | Rivulosa     | White-waved ditto   | <i>Ib.</i>     |
| 26              |        | Strigosa     | Red-streaked ditto  | <i>Ib.</i>     |
| 27              |        | 4-Striata    | Four-streaked ditto | <i>Ib.</i>     |
| 28              |        | Casta        | Plain ditto         | <i>Ib.</i>     |
| 29              |        | Lutea        | Pale-yellow ditto   | <i>Ib.</i>     |
| 30              |        | Bipunctata   | Two-dotted ditto    | <i>Ib.</i>     |
| 31              |        | Flavifrons   | Yellow-faced ditto  | <i>Ib.</i>     |
| 32              |        | Venulosa     | Yellow-veined ditto | <i>Ib.</i>     |
| 33              |        | Lineolata    | White-lined ditto   | <i>Ib.</i>     |
| 34              |        | Virescens    | Greenish ditto      | <i>Ib.</i>     |
| 35              |        | Venulosa     | Variety of 32       | <i>Ib.</i>     |
| 36              |        | Lugubris     | Mourning ditto      | <i>Ib.</i>     |
| 37              |        | Hyalina      | Hyaline ditto       | <i>Ib.</i>     |
| 38              |        | Lactea       | Milk-white ditto    | <i>Ib.</i>     |
| 39              |        | Denigrata    | Black ditto         | <i>Ib.</i>     |
| 40              |        | Maculosa     | Spotted ditto       | <i>Ib.</i>     |
| 41              |        | Vittata      | Filletted ditto     | <i>Ib.</i>     |
| 42              |        | Pallens      | Pale ditto          | <i>Ib.</i>     |
| 42 <sup>b</sup> |        | Lateralis    | White-sided ditto   | <i>Ib.</i>     |
| 42 <sup>c</sup> |        | Flava        | Yellow ditto        | <i>Ib.</i>     |

*Cercopis.*

|    |          |               |                           |            |
|----|----------|---------------|---------------------------|------------|
| 43 | Cercopis | Sanguinolenta | Red-dotted Flea-Locust    | <i>Ib.</i> |
| 44 |          | Spumaria      | Cuckow-spit, or Froth do. | <i>Ib.</i> |
| 45 |          | Rustica       | Grey ditto                | <i>Ib.</i> |
| 46 |          | Lineolata     | Brown-lined ditto         | <i>Ib.</i> |
| 47 |          | Guttata       | Dotted ditto              | <i>Ib.</i> |
| 48 |          | Unicolor      | Pale ditto                | <i>Ib.</i> |
| 49 |          | Bicolor       | Bicoloured ditto          | <i>Ib.</i> |
| 50 |          | Punctulata    | Dotted ditto              | <i>Ib.</i> |
| 51 |          | Leucoptera    | White-winged ditto        | <i>Ib.</i> |
| 52 |          | Venosa        | White-veined ditto        | <i>Ib.</i> |
| 53 |          | Nebulosa      | Clouded ditto             | <i>Ib.</i> |
| 54 |          | Bifasciata    | Two-banded ditto          | <i>Ib.</i> |

*Notonecta.*

|    |           |             |                       |            |
|----|-----------|-------------|-----------------------|------------|
| 55 | Notonecta | Glaucia     | Common Green Boat-fly | <i>Ib.</i> |
| 56 |           | Minutissima | Small ditto           | <i>Ib.</i> |



*Sigara.*

|    |                     |                           |        |
|----|---------------------|---------------------------|--------|
| 57 | <i>Sigara Gigas</i> | Giant Sigara, or Boat-fly | Europe |
| 58 | <i>Striata</i>      | Striated ditto            | Ib.    |

*Nepa.*

|    |                     |                          |     |
|----|---------------------|--------------------------|-----|
| 59 | <i>Nepa Cinerea</i> | Cinereous Water Scorpion | Ib. |
| 60 | <i>Linearis</i>     | Long ditto               | Ib. |

*Naucoris.*

|    |                            |                         |     |
|----|----------------------------|-------------------------|-----|
| 61 | <i>Naucoris Cimicoides</i> | Bug-like Water Scorpion | Ib. |
| 62 | <i>Integra</i>             | Close-shelled ditto     | Ib. |

*Acanthia.*

|                 |                            |                |         |
|-----------------|----------------------------|----------------|---------|
| 63              | <i>Acanthia Lectularia</i> | House Bug      | Ib.     |
| 64              | <i>Littoralis</i>          | Strand ditto   | Ib.     |
| 65              | <i>Corticalis</i>          | Blackish ditto | Ib.     |
| 66              | <i>Erosa</i>               | Surinam ditto  | America |
| 66 <sup>b</sup> | <i>Niger</i>               | Black ditto    | India   |
| 66 <sup>c</sup> | <i>Rugosa</i>              | Wrinkled ditto | Europe  |

*Cimex.*1. *Having a Scutel as long as the Abdomen.*

|    |                      |                      |        |
|----|----------------------|----------------------|--------|
| 67 | <i>Cimex Nobilis</i> | Blue and Gold Bug    | Asia   |
| 68 | <i>Lineatus</i>      | Black-lined ditto    | Europe |
| 69 | <i>Maurus</i>        | Cinereous ditto      | Ib.    |
| 70 | <i>Maurus</i>        | Small variety of 69  | Ib.    |
| 71 | <i>Scarabæoides</i>  | Scarabæus-like ditto | Ib.    |

2. *Spinous—Thorax armed on both sides with a spine.*

|                 |                       |                     |         |
|-----------------|-----------------------|---------------------|---------|
| 72              | <i>Cimex Bidens</i>   | Grey Bug            | Ib.     |
| 73              | <i>Rufipes</i>        | Red-legged ditto    | Ib.     |
| 74              | <i>Nigricornis</i>    | Black-horned ditto  | Ib.     |
| 75              | <i>Hæmorrhoidalis</i> | Rufous ditto        | Ib.     |
| 76              | <i>Marginatus</i>     | Marginated ditto    | Ib.     |
| 77              | <i>Quadratus</i>      | Rhombic ditto       | Ib.     |
| 78              | <i>Phyllopus</i>      | Flat-legged ditto   | America |
| 78 <sup>b</sup> | <i>Lentiginosus</i>   | Freckled ditto      | Europe  |
| 78 <sup>c</sup> | <i>Multicolor</i>     | Many-coloured ditto | Ib.     |
| 78 <sup>d</sup> | <i>Chalybeus</i>      | Brassy ditto        | Ib.     |
| 79              | <i>Beryllinus</i>     | Greenish-blue ditto | Ib.     |
| 80              | <i>Adustus</i>        | Black-edged ditto   | Ib.     |
| 81              | <i>Bidentatus</i>     | Two-spined ditto    | Ib.     |
| 82              | <i>Bilobus</i>        | Two-lobed ditto     | Ib.     |
| 83              | <i>Distinctus</i>     | Yellow-bodied ditto | Ib.     |
| 84              | <i>Rubricornis</i>    | Red-horned ditto    | Ib.     |
| 85              | <i>Aculeatus</i>      | Black-tipped ditto  | Ib.     |
| 86              | <i>Conspersus</i>     | Dotted ditto        | Ib.     |



3. *Body ovate—Thorax unarmed.*

|     |       |              |                         |        |
|-----|-------|--------------|-------------------------|--------|
| 87  | Cimex | Nigripes     | Black-legged Bug        | India  |
| 88  |       | Fulvus       | Fulvous ditto           | Ib.    |
| 89  |       | Varius       | Variegated ditto        | Ib.    |
| 90  |       | Prasinaus    | Green ditto             | Europe |
| 91  |       | Unicolor     | Greenish ditto          | Ib.    |
| 92  |       | Juniperinus  | Juniper ditto           | Ib.    |
| 93  |       | Albidus      | Whitish ditto           | Ib.    |
| 94  |       | Festivus     | Festive ditto           | Ib.    |
| 95  |       | Morio        | Jester ditto            | Ib.    |
| 96  |       | Acuminatus   | Fern ditto              | Ib.    |
| 97  |       | Undatus      | Waved ditto             | India  |
| 98  |       | Pallescens   | Pale-dotted ditto       | Europe |
| 99  |       | Cæruleus     | Blue ditto              | Ib.    |
| 100 |       | Bicolor      | Pied ditto              | Ib.    |
| 101 |       | Oleraceus    | Bronzed Garden ditto    | Ib.    |
| 102 |       | Biguttatus   | Two-spotted ditto       | Ib.    |
| 103 |       | Nigerrimus   | Deep-black ditto        | Ib.    |
| 104 |       | Melanoleucos | White-edged black ditto | Ib.    |
| 105 |       | Ciliatus     | Ciliated ditto          | Ib.    |
| 106 |       | Excisus      | Jagged ditto            | Ib.    |

4. *Body oblong.*

|                  |       |               |                      |     |
|------------------|-------|---------------|----------------------|-----|
| 107              | Cimex | Equestris     | Spotted Bug          | Ib. |
| 108              |       | Hyoscyami     | Scarlet ditto        | Ib. |
| 109              |       | Apterus       | Mallow ditto         | Ib. |
| 110              |       | Carnifex      | Rufous ditto         | Ib. |
| 111              |       | Pini          | Pine ditto           | Ib. |
| 112              |       | Rolandri      | Yellow-spotted ditto | Ib. |
| 113              |       | Ater          | Black ditto          | Ib. |
| 114              |       | Annulatus     | Fettered ditto       | Ib. |
| 115              |       | Macropus      | Long-legged ditto    | Ib. |
| 116              |       | Armatus       | Armed ditto          | Ib. |
| 117              |       | Lacteolus     | Milky-dotted ditto   | Ib. |
| 118              |       | Fenestratus   | Lanterned ditto      | Ib. |
| 119              |       | Subrufus      | Reddish ditto        | Ib. |
| 120              |       | Urticæ        | Nettle ditto         | Ib. |
| 120 <sup>b</sup> |       | Stictopterus  | Dotted ditto         | Ib. |
| 121              |       | Grisatus      | Grey ditto           | Ib. |
| 122              |       | Denigratus    | Blackish ditto       | Ib. |
| 123              |       | Biguttulus    | Two-spotted ditto    | Ib. |
| 124              |       | Leucophlebs   | White-veined ditto   | Ib. |
| 125              |       | Monopunctatus | White-dotted ditto   | Ib. |
| 126              |       | Setosus       | Bristly ditto        | Ib. |
| 127              |       | Erythrurus    | Red-tipped ditto     | Ib. |
| 128              |       | Ochrorhous    | Yellow-tipped ditto  | Ib. |
| 129              |       | Platycerus    | Flat-horned ditto    | Ib. |



|     |       |             |                     |               |
|-----|-------|-------------|---------------------|---------------|
| 130 | Cimex | Ictericus   | Jaundiced Bug       | <i>Europe</i> |
| 131 |       | 4-Striatus  | Four-streaked ditto | <i>Ib.</i>    |
| 132 |       | Fuscicaudis | Brown-tailed ditto  | <i>Ib.</i>    |

5. *Body oblong—Antennæ capillary at the Tip.*

|         |       |                 |                        |            |
|---------|-------|-----------------|------------------------|------------|
| 133     | Cimex | Trifasciatus    | Three-banded Bug       | <i>Ib.</i> |
| 134     |       | Striatus        | Finely-streaked ditto  | <i>Ib.</i> |
| 135     |       | Seticornis      | Bristly-horned ditto   | <i>Ib.</i> |
| 136     |       | Capillaris      | Capillary ditto        | <i>Ib.</i> |
| 137     |       | Punctipes       | Dotted-legged ditto    | <i>Ib.</i> |
| 138     |       | Quadrinaculatus | Four-spotted ditto     | <i>Ib.</i> |
| 139     |       | Fuliginosus     | Scarlet-tipped ditto   | <i>Ib.</i> |
| 140     |       | Erythrochlorus  | Reddish ditto          | <i>Ib.</i> |
| 141     |       | Chrysocephalus  | Yellow-headed ditto    | <i>Ib.</i> |
| 142     |       | Stramineus      | Straw-coloured ditto   | <i>Ib.</i> |
| 143     |       | Concolor        | Plain ditto            | <i>Ib.</i> |
| 144     |       | Tomentosus      | Downy ditto            | <i>Ib.</i> |
| 145     |       | Melanochrysos   | Black and Yellow ditto | <i>Ib.</i> |
| 146     |       | Bivenis         | Two-veined ditto       | <i>Ib.</i> |
| 147     |       | Leucozonius     | White-zoned ditto      | <i>Ib.</i> |
| 148     |       | Tricoloratus    | Tricoloured ditto      | <i>Ib.</i> |
| 149     |       | Ochromelas      | Yellow-legged ditto    | <i>Ib.</i> |
| 150     |       | Exoletus        | Pale ditto             | <i>Ib.</i> |
| 151     |       | Phænicopterus   | Red-winged ditto       | <i>Ib.</i> |
| 152     |       | Fuscoculus      | Brown-eyed ditto       | <i>Ib.</i> |
| 153     |       | Leucogrammus    | White-lined ditto      | <i>Ib.</i> |
| 154     |       | Expallesens     | Pale-clouded ditto     | <i>Ib.</i> |
| 155     |       | Flavescens      | Pale-yellow ditto      | <i>Ib.</i> |
| 156—157 |       | Flavidus        | Yellowish ditto        | <i>Ib.</i> |
| 158—159 |       | Pallescens      | Palish ditto           | <i>Ib.</i> |
| 160     |       | Discolor        | Discoloured ditto      | <i>Ib.</i> |
| 161     |       | Imperialis      | Imperial ditto         | <i>Ib.</i> |
| 162     |       | Leucodermis     | White ditto            | <i>Ib.</i> |
| 163     |       | Melanorhous     | Black-tipped ditto     | <i>Ib.</i> |
| 164     |       | Vittatus        | Pale-striped ditto     | <i>Ib.</i> |
| 165     |       | Pratensis       | Meadow ditto           | <i>Ib.</i> |
| 166     |       | Melanogaster    | Black-bellied ditto    | <i>Ib.</i> |
| 167     |       | Sordens         | Stained ditto          | <i>Ib.</i> |
| 168     |       | Vitellinus      | Reddish-yellow ditto   | <i>Ib.</i> |
| 169     |       | Hæmatocephalus  | Rufous-headed ditto    | <i>Ib.</i> |
| 170     |       | Leoninus        | Tawny ditto            | <i>Ib.</i> |
| 171     |       | Carbonarius     | Black ditto            | <i>Ib.</i> |
| 172     |       | Notatus         | Single-dotted ditto    | <i>Ib.</i> |
| 173     |       | Discors         | Yellow-bellied ditto   | <i>Ib.</i> |
| 174     |       | Fuscescens      | Brownish ditto         | <i>Ib.</i> |
| 175     |       | Melanopterus    | Black-winged ditto     | <i>Ib.</i> |



|     |       |               |                     |        |
|-----|-------|---------------|---------------------|--------|
| 176 | Cimex | Leucoceras    | White-horned Bug    | Europe |
| 177 |       | Ochropterus   | Yellow-winged ditto | Ib.    |
| 178 |       | Melanoleucos  | Pied ditto          | Ib.    |
| 179 |       | Erythrogaster | Red-bellied ditto   | Ib.    |
| 180 |       | Sticticus     | Dotted ditto        | Ib.    |
| 181 |       | Nubilus       | Clouded ditto       | Ib.    |
| 182 |       | Leucopus      | White-legged ditto  | Ib.    |
| 183 |       | Conspersus    | Speckled ditto      | Ib.    |
| 184 |       | Chloropterus  | Green-winged ditto  | Ib.    |
| 185 |       | Albicans      | White-winged ditto  | Ib.    |
| 186 |       | Albidus       | White-shelled ditto | Ib.    |
| 187 |       | Brunneus      | Chesnut ditto       | Ib.    |
| 188 |       | Chrysopus     | Yellow-legged ditto | Ib.    |

6. *Antennæ setaceous.*

|     |       |              |                     |     |
|-----|-------|--------------|---------------------|-----|
| 189 | Cimex | Brachypterus | Short-winged Bug    | Ib. |
| 190 |       | Populi       | Poplar ditto        | Ib. |
| 191 |       | Lutescens    | Yellow ditto        | Ib. |
| 192 |       | Bilineatus   | Two-lined ditto     | Ib. |
| 193 |       | Lævigatus    | Smooth ditto        | Ib. |
| 194 |       | Herbaceus    | Green ditto         | Ib. |
| 195 |       | Dilatatus    | Dilated ditto       | Ib. |
| 196 |       | Rubens       | Pale-Red ditto      | Ib. |
| 197 |       | Albi-tarsus  | White-shanked ditto | Ib. |
| 198 |       | Squamatus    | Scaly ditto         | Ib. |

7. *Linear. Body narrow.*

|     |       |           |                  |     |
|-----|-------|-----------|------------------|-----|
| 199 | Cimex | Lacustris | Great Water Bug  | Ib. |
| 200 |       | Stagnorum | Small ditto      | Ib. |
| 201 |       | Annularis | Variegated ditto | Ib. |

*Reduvius.*

|     |          |              |                    |        |
|-----|----------|--------------|--------------------|--------|
| 202 | Reduvius | Membranaceus | Membranaceous Bug  | India  |
| 203 |          | Superbus     | Superb ditto       | Ib.    |
| 204 |          | Personatus   | Masked ditto       | Europe |
| 205 |          | Annulatus    | Annulated ditto    | Ib.    |
| 206 |          | Iracundus    | Red-spotted ditto  | Ib.    |
| 207 |          | Dimidiatus   | Half-winged ditto  | Ib.    |
| 208 |          | 5-Maculatus  | Five-spotted ditto | Ib.    |
| 209 |          | Staphylinus  | Staphyline ditto   | Ib.    |

*Pulex.*

|     |       |          |             |     |
|-----|-------|----------|-------------|-----|
| 210 | Pulex | Irritans | Common Flea | Ib. |
|-----|-------|----------|-------------|-----|



*Aphis.*

|     |              |                  |                 |               |
|-----|--------------|------------------|-----------------|---------------|
| 211 | <i>Aphis</i> | <i>Lychnidis</i> | Campion Puceron | <i>Europe</i> |
| 212 |              | <i>Tiliæ</i>     | Lime-Tree ditto | <i>Ib.</i>    |
| 213 |              | <i>Aparines</i>  | Aparine ditto   | <i>Ib.</i>    |

*Chermes.*

|     |                |                 |                |            |
|-----|----------------|-----------------|----------------|------------|
| 214 | <i>Chermes</i> | <i>Graminis</i> | Grass Chermes  | <i>Ib.</i> |
| 215 |                | <i>Ulmi</i>     | Elm-Tree ditto | <i>Ib.</i> |

*Coccus.*

|     |               |                   |                       |            |
|-----|---------------|-------------------|-----------------------|------------|
| 216 | <i>Coccus</i> | <i>Hesperidum</i> | Green-house Cochineal | <i>Ib.</i> |
| 217 |               | <i>Polonicus</i>  | Polish ditto          | <i>Ib.</i> |

*Thrips.*

|     |               |                 |                  |               |
|-----|---------------|-----------------|------------------|---------------|
| 218 | <i>Thrips</i> | <i>Physapus</i> | Wheat-ear Thrips | <i>Europe</i> |
|-----|---------------|-----------------|------------------|---------------|



|     |       |       |       |
|-----|-------|-------|-------|
| 211 | Agave | Agave | Agave |
| 212 | Agave | Agave | Agave |
| 213 | Agave | Agave | Agave |
| 214 | Agave | Agave | Agave |
| 215 | Agave | Agave | Agave |
| 216 | Agave | Agave | Agave |
| 217 | Agave | Agave | Agave |
| 218 | Agave | Agave | Agave |



## CLASS VI.

## VERMES.

ORDER I. *Crustacea.*

*Animals of simple structure, covered with a crustaceous coat.*

*Cancer.*

|                 |                  |                       |               |
|-----------------|------------------|-----------------------|---------------|
| 1—2             | Cancer Pelagicus | Oceanic Crab          | India         |
| 3—4             | Pagurus          | Edible ditto          | Europe        |
| 5               | Mænas            | Common greenish ditto | Ib.           |
| 6               | Floridus         | Spotted ditto         | India         |
| 7               | Vocans           | Sand ditto            | Jamaica       |
| 8               | 5-Dentatus       | Five-toothed ditto    | .....         |
| 9               | Cimicoides       | Bug-like ditto        | .....         |
| 10              | Defensor         | Armed ditto           | S. Ocean      |
| 11              | Lentiginosus     | Freckled ditto        | Dublin Bay    |
| 12—13           | Grapsus          | Streaked ditto        | W. Indies     |
| 14              | Chiragra         | Gouty ditto           | Mediterranean |
| 15              | Longimanus       | Long-armed ditto      | Dublin Bay    |
| 16              | *Globosus        | Round-bodied ditto    | Europe        |
| 17              | Longipes         | Long-legged ditto     | Ocean         |
| 17 <sup>b</sup> | Phalangium       | Slender-legged ditto  | Dalkey Sound  |
| 18—20           | Horridus         | Horrid ditto          | Atlantic      |
| 21              | Maja             | Maja ditto            | Galway Bay    |

*Pagurus.*

|       |                    |                                   |        |
|-------|--------------------|-----------------------------------|--------|
| 22—24 | Pagurus Bernhardus | St. Bernard's, or Soldier<br>Crab | Europe |
| 25    | Eremita            | Hairy Hermit ditto                | Ib.    |
| 26    | Carabus            | Beetle-Crab                       | India  |
| 27    | Strigosus          | Plaited Lobster                   | Ib.    |



*Astacus.*

|    |         |             |                    |        |
|----|---------|-------------|--------------------|--------|
| 28 | Astacus | Fluviatilis | Craw-Fish          | Europe |
| 29 |         | Mantis      | Southsayer Lobster | Asia   |

*Gammarus.*

|       |          |       |                                             |         |
|-------|----------|-------|---------------------------------------------|---------|
| 30    | Gammarus | Pulex | Water-Flea                                  | Europe  |
| 31—34 |          | ..... | Claws of the Edible Lobster unusually large | Ireland |

ORDER II. *Intestina.**Simple, naked Animals without limbs.**Ascaris.*

|   |         |              |                         |  |
|---|---------|--------------|-------------------------|--|
| 1 | Ascaris | Lumbricoides | Common, Intestinal Worm |  |
|---|---------|--------------|-------------------------|--|

*Hirudo.*

|                |        |            |                    |        |
|----------------|--------|------------|--------------------|--------|
| 2              | Hirudo | Muricata   | Warty Leech        | Europe |
| 2 <sup>b</sup> |        | Sanguisuga | Common Horse-Leech | Ib.    |

*Tænia.*

|   |       |          |                  |  |
|---|-------|----------|------------------|--|
| 3 | Tænia | Vulgaris | Common Tape Worm |  |
|---|-------|----------|------------------|--|

ORDER III. *Mollusca.**Simple Animals furnished with limbs.**Limax.*

|   |       |      |                      |        |
|---|-------|------|----------------------|--------|
| 4 | Limax | Ater | Black Snail, or Slug | Europe |
|---|-------|------|----------------------|--------|

*Aphrodita.*

|   |           |           |                                   |     |
|---|-----------|-----------|-----------------------------------|-----|
| 5 | Aphrodita | Aculeata  | Aculeated Aphrodite, or Sea-Mouse | Ib. |
| 6 |           | Imbricata | Smooth ditto                      | Ib. |

*Nereis.*

|   |        |          |                            |     |
|---|--------|----------|----------------------------|-----|
| 7 | Nereis | Tubicola | Common Nereis or Sea-Fairy | Ib. |
|---|--------|----------|----------------------------|-----|



*Sepia.*

|    |                       |                           |           |
|----|-----------------------|---------------------------|-----------|
| 8  | <i>Sepia Octopus</i>  | Eight-armed Cuttlefish    | Europe    |
| 9  | <i>Officinalis os</i> | Bone of the Officinal do. | India     |
| 10 | <i>Officinalis</i>    | Officinal ditto           | Ib.       |
| 11 | <i>Media</i>          | Pulp ditto                | W. Indies |

*Asterias.*1. *Stellate.*

|       |                         |                        |               |
|-------|-------------------------|------------------------|---------------|
| 12—20 | <i>Asterias Papposa</i> | Twelve-rayed Star-Fish | Asia          |
| 21—42 | <i>Rubens</i>           | Ruddy, purple ditto    | Europe        |
| 43—44 | <i>Glacialis</i>        | Common ditto           | Ib.           |
| 45    | <i>Reticulata</i>       | Reticulated ditto      | India         |
| 46—48 | <i>Aranciaca</i>        | Carved ditto           | Mediterranean |
| 49—51 | <i>Equestris</i>        | Equestrian ditto       | Europe        |
| 52—53 | <i>Lævigata</i>         | Smooth ditto           | India         |

2. *Radiate.*

|       |                         |                          |          |
|-------|-------------------------|--------------------------|----------|
| 54    | <i>Asterias Ophiura</i> | Serpents'-tail Star-Fish | Atlantic |
| 55—60 | <i>Ciliaris</i>         | Ciliary ditto            | India    |
| 61—62 | <i>Caput-Medusæ</i>     | Medusa's-Head ditto      | Norway   |

*Echinus.*1. *Regular. Vent vertical*

|                    |                           |                          |           |
|--------------------|---------------------------|--------------------------|-----------|
| 63—65              | <i>Echinus Esculentus</i> | Esculent Urchin          | Europe    |
| 66                 | <i>Esc. spinularum</i>    | Spines of ditto          | Ib.       |
|                    | <i>copia</i>              |                          |           |
| 67                 | <i>Esc. aliarum</i>       | White ditto of ditto     | Ib.       |
|                    | <i>copia</i>              |                          |           |
| 68                 | <i>Sphæroides</i>         | Globe ditto              | India     |
| 69—70              | <i>Lixula</i>             | Green ditto              | Ib.       |
| 71—79 <sup>b</sup> | <i>Saxatilis</i>          | Rock ditto               | Ib.       |
| 80                 | <i>Sax. Aculei</i>        | Spines of ditto          | Ib.       |
| 81—86              | <i>Diadema</i>            | Diadem ditto             | Ib.       |
| 87                 | <i>Diad. Aculei</i>       | Spines of ditto          | Ib.       |
| 88                 | <i>Diad. Ac. striati</i>  | Striated ditto of ditto  | Ib.       |
| 89—91              | <i>Cidaris</i>            | Turban ditto             | Ib.       |
| 92                 | <i>Cid. Theca in-</i>     | Internal Box with Teeth  | Ib.       |
|                    | <i>terna</i>              | of ditto                 |           |
| 93                 | <i>Cid. Theca</i>         | Do. of do. without Teeth | Ib.       |
| 94                 | <i>Cid. Denticuli</i>     | Teeth of ditto ditt      | Ib.       |
| 95                 | <i>Cid. Ossicula</i>      | Transversal Bones of do. | Ib.       |
|                    | <i>transversalia</i>      |                          |           |
| 96—97              | <i>Mammillatus</i>        | Mammillated ditto        | South Sea |
| 98                 | <i>Mam. Spinæ</i>         | Spines of ditto          | Ib.       |
| 99—107             | <i>Lacunter</i>           | Oval, warty ditto        | India     |



## 2. Irregular. Mouth and Vent beneath.

|                  |         |           |                     |              |
|------------------|---------|-----------|---------------------|--------------|
| 108              | Echinus | Spatagus  | Death's-Head Urchin | Europe       |
| 109              |         | Lacunosus | Egg ditto           | Ib.          |
| 110—111          |         | Purpureus | Purple ditto        | N. Sea       |
| 112—113          |         | Rosaceus  | Rose-flower ditto   | Asia         |
| 113 <sup>b</sup> |         | Rosaceus  | Ditto               | Dalkey Sound |
| 114—116          |         | Orbiculus | Cake ditto          | India        |

## ORDER IV. Testacea.

Mollusca, covered with a Calcareous Shell.

## Chiton.

|                  |        |           |              |            |
|------------------|--------|-----------|--------------|------------|
| 117—122          | Chiton | Squamosus | Scaly Chiton | N. America |
| 123              |        | Ruber     | Ruddy ditto  | Norway     |
| 123 <sup>b</sup> |        | Minimus   | Small ditto  | Ireland    |

## Lepas.

|         |       |               |                      |          |
|---------|-------|---------------|----------------------|----------|
| 124—127 | Lepas | Balanoides    | Common Acorn-Shell   | Europe   |
| 128—133 |       | Tintinnabulum | Bell, or Tulip ditto | India    |
| 134     |       | Borealis      | Northern ditto       | Norway   |
| 135     |       | Coarctata     | Compressed ditto     | Ib.      |
| 136—139 |       | Balanus       | Ridged ditto         | Europe   |
| 140     |       | Spinosa       | Thorny ditto         | India    |
| 141     |       | Testudinaria  | Tortoise ditto       | S. Sea   |
| 142—144 |       | Anatifera     | Barnacle ditto       | Atlantic |

## Pholas.

|         |        |           |                                                                      |             |
|---------|--------|-----------|----------------------------------------------------------------------|-------------|
| 145—146 | Pholas | Dactylus  | Rough Piddock                                                        | Europe      |
| 147     |        | Crispatus | Curled ditto                                                         | W. Indies   |
| 148     |        | Candidus  | White ditto                                                          | America     |
| 149     |        | Hians     | Gaping ditto                                                         |             |
| 150     |        | .....     | Mother of pearl shell pierced by the Ph. Pusillus or Slender Piddock | West Indies |

## Mya.

|                  |     |               |                   |              |
|------------------|-----|---------------|-------------------|--------------|
| 151              | Mya | Pictorum      | Painter's Muscle  | Europe       |
| 152              |     | Margaritifera | River Pearl ditto | Ireland      |
| 152 <sup>b</sup> |     | Marg.         | Ditto ditto       | Lake Ontario |
| 153              |     | Oblonga       | Oblong Gaper      | .....        |
| 154              |     | Corrugata     | Wrinkled ditto    | Coromandel   |



*Solen.*

|                  |       |          |                    |            |
|------------------|-------|----------|--------------------|------------|
| 155              | Solen | Vagina   | Sheath Razor-Shell | Europe     |
| 155 <sup>b</sup> |       | Ensis    | Scimeter ditto     | Dublin Bay |
| 156              |       | Siliqua  | Pea-pod ditto      | Baldoyle   |
| 157              |       | Radiatus | Radiated ditto     | Tranquebar |
| 158—159          |       | Dyphos   | Oval, Violet ditto | India      |

*Tellina.*1. *Ovate, somewhat thick.*

|         |         |              |                     |             |
|---------|---------|--------------|---------------------|-------------|
| 160—161 | Tellina | Lingua Felis | Cat's-Tongue Tellen | India       |
| 162—163 |         | Virgata      | Striated ditto      | Tranquebar. |
| 164—165 |         | Angulata     | Angular ditto       | Ib.         |

2. *Ovate, compressed.*

|         |         |          |                          |             |
|---------|---------|----------|--------------------------|-------------|
| 166     | Tellina | Lævigata | Smooth Tellen            | West Indies |
| 167—169 |         | Radiata  | Tulip, or Radiated ditto | Ib.         |
| 170—171 |         | Rostrata | Rostrated ditto          | Ib.         |
| 172—173 |         | Depressa | Depressed ditto          | Europe      |

3. *Somewhat orbicular.*

|                  |         |            |                       |             |
|------------------|---------|------------|-----------------------|-------------|
| 174—175          | Tellina | Carnaria   | Flesh-coloured Tellen | Ib.         |
| 176              |         | Remies     | Wrinkled ditto        | West Indies |
| 177—179          |         | Reticulata | Reticulated ditto     | Ib.         |
| 180              |         | Scobinata  | Scaly ditto           | Ib.         |
| 181              |         | Spengleri  | Spengler's ditto      | Ib.         |
| 181 <sup>b</sup> |         | Polygona   | Polygonal ditto       | Tranquebar  |

*Cardium.*

|         |         |              |                        |               |
|---------|---------|--------------|------------------------|---------------|
| 182     | Cardium | Costatum     | Fluted-Heart Cockle    | Guinea        |
| 183     |         | Cardissa     | Human-Heart ditto      | East Indies   |
| 184—185 |         | Aculeatum    | Aculeated ditto        | Mediterranean |
| 186—189 |         | Echinatum    | Thorny ditto           | Ib.           |
| 190—195 |         | Tuberculatum | Tuberculated ditto     | Ib.           |
| 196     |         | Isocardia    | Rasp-Heart ditto       | Jamaica       |
| 197     |         | Fragum       | White-Strawberry ditto | East Indies   |
| 198—199 |         | Unedo        | Red-Strawberry ditto   | Ib.           |
| 200     |         | Leucostoma   | White-lipped ditto     | West Indies   |
| 201     |         | Edule        | Common Edible ditto    | Europe        |

*Mactra.*

|         |        |           |                       |             |
|---------|--------|-----------|-----------------------|-------------|
| 202     | Mactra | Glauca    | Glaucous Mactra       | Europe      |
| 203     |        | Corallina | Coralline ditto       | East Indies |
| 204—206 |        | Stultorum | Brittle ditto         | Europe      |
| 207—208 |        | Solida    | Solid ditto, decayed. | Ib.         |



*Donax.*

|         |       |             |                               |                      |
|---------|-------|-------------|-------------------------------|----------------------|
| 209—212 | Donax | Scortum     | Radiated Purr, or Wedge-Shell | <i>East Indies</i>   |
| 213     |       | Rugosa      | Wrinkled ditto                | <i>Mediterranean</i> |
| 214—215 |       | Trunculus   | Ribband ditto                 | <i>Europe</i>        |
| 216—217 |       | Striata     | Striated ditto                | <i>Atlantic</i>      |
| 218—219 |       | Denticulata | Denticulated ditto            | <i>Africa</i>        |
| 220—222 |       | Scripta     | Lettered ditto                | <i>West Indies</i>   |

*Venus.*

|         |       |                   |                                   |                       |
|---------|-------|-------------------|-----------------------------------|-----------------------|
| 223     | Venus | Dione             | Occidental Venus                  | <i>Atlantic</i>       |
| 224     |       | Paphia            | Old Wife, or Wrinkled do.         | <i>West Indies</i>    |
| 225     |       | Marica            | Purple-spotted ditto              | <i>Atlantic</i>       |
| 226     |       | Verrucosa         | Warted ditto                      | <i>Cornwall</i>       |
| 227     |       | Casina            | Acutely-grooved ditto             | <i>East Indies</i>    |
| 228     |       | Cancellata        | Membranaceous ditto               | <i>Nicobar</i>        |
| 229—231 |       | Gallina           | White-Hen, or Radiated ditto      | <i>East Indies</i>    |
| 232     |       | Circinnata        | Circled ditto                     | .....                 |
| 233     |       | Erycina           | Banded ditto                      | <i>Ceylon</i>         |
| 234—235 |       | Islandica         | Iceland ditto                     | <i>Europe</i>         |
| 236     |       | Chione            | Chione ditto                      | <i>Mediterranean</i>  |
| 237     |       | Læta              | Smooth, Violet-lipped do.         | <i>Mauritius</i>      |
| 238—239 |       | Nebulosa          | Clouded ditto                     | <i>East Indies</i>    |
| 240     |       | *Pseudo-Dione     | Ribbed-thorny ditto               | <i>India</i>          |
| 241     |       | *Angulo-Lite-rata | Wedge-lettered ditto              | <i>Ib.</i>            |
| 242     |       | Cordato-literata  | Round-lettered ditto              | <i>East Indies</i>    |
| 243     |       | Striata           | Zig-zag ditto                     | <i>Frederick's I.</i> |
| 244—247 |       | Castrensis        | Camp ditto                        | <i>East Indies</i>    |
| 248—250 |       | Deflorata         | Purple-rayed ditto                | <i>West Indies</i>    |
| 251     |       | Fimbriata         | Fringed ditto                     | <i>India</i>          |
| 252     |       | Puerpera          | Puerperal ditto                   | <i>East Indies</i>    |
| 253     |       | Squamosa          | Scaly ditto                       | <i>West Indies</i>    |
| 254     |       | Tigerina          | Chequered ditto                   | <i>East Indies</i>    |
| 255     |       | Borealis          | Northern ditto                    | <i>North Seas</i>     |
| 256     |       | Pensylvanica      | Pennsylvanian ditto               | <i>N. America</i>     |
| 257     |       | Pectinata         | Cross Cockle, or pectinated ditto | <i>Tranquebar</i>     |
| 258—262 |       | Literata          | Oval-lettered ditto               | <i>East Indies</i>    |
| 263     |       | Punctata          | Dotted ditto                      | <i>Nicobar</i>        |
| 264—265 |       | Textrix           | Purple-lettered ditto             | <i>Malabar</i>        |
| 266—267 |       | Rotundata         | Butterfly's-wing ditto            | <i>Ceylon</i>         |
| 268—269 |       | Decussata         | Reticulated ditto                 | <i>Europe</i>         |



*Spondylas.*

|         |                     |                                |             |
|---------|---------------------|--------------------------------|-------------|
| 270—273 | Spondylus Gæderopus | Red Spondyle, or Thorny Oyster | East Indies |
| 274—277 | Variegatus          | Variegated ditto               | Ib.         |
| 278     | Plicatus            | Plaited ditto                  | West Indies |

*Chama.*

|         |             |                       |             |
|---------|-------------|-----------------------|-------------|
| 279—284 | Chama Gigas | Gigantic Chama        | East Indies |
| 285     | Hippopus    | Purple-bordered ditto | West Indies |
| 286     | Bicornis    | Wrinkled ditto        | East Indies |
| 287     | Cor         | Heart-shaped ditto    | Caspian     |
| 288—289 | Gryphoides  | Furbelowed ditto      | West Indies |
| 290—291 | Lamellosa   | Lamellated ditto      | Ib.         |

*Arca*1. *Margin entire, Beaks inflected.*

|         |          |                |              |
|---------|----------|----------------|--------------|
| 292—295 | Arca Noë | Noah's Ark     | C. of Guinea |
| 296—297 | Barbata  | Fringed ditto  | East Indies  |
| 298     | Striata  | Striated ditto | Red Sea      |

2. *Margin crenate.—Beaks recurved.*

|         |                                           |                                                                   |             |
|---------|-------------------------------------------|-------------------------------------------------------------------|-------------|
| 299—300 | Arca Rostrata                             | Baltic-Boat, or Rostrated ditto                                   | Norway      |
| 301     | Concretio Marina cum Ar-<br>cis Rostratis | Concretion containing<br>minute specimens of<br>the Rostrated Arc | Ib.         |
| 301½    | Nucleus                                   | Silvery ditto                                                     | Dublin Bay  |
| 302     | Nivea                                     | White ditto                                                       | Red Sea     |
| 303—304 | Modiolus                                  | Small ditto                                                       | East Indies |
| 305—306 | Rhomboidalis                              | Rhomboidal ditto                                                  | Tranquebar  |
| 307     | Granosa                                   | Little-Basket, or Warded<br>ditto                                 | Ib.         |
| 308—315 | Glycymeris                                | Dog's Cockle, or Orbicu-<br>lar ditto                             | Europe      |

*Pecten.*

|         |                |                    |               |
|---------|----------------|--------------------|---------------|
| 316     | Pecten Maximus | Great Scallop      | Europe        |
| 317—320 | Jacobæus       | Pilgrim's ditto    | Mediterranean |
| 321     | Zic-zac        | Zig-zag ditto      | America       |
| 322—325 | Pleuronectes   | Compass ditto      | East Indies   |
| 326     | Plica          | Plaited ditto      | Ib.           |
| 327     | Plicæ var.     | Variety of ditto   | Ib.           |
| 328—330 | Pallium        | Royal Mantle ditto | Ib.           |
| 331     | Sulcatus       | Furrowed ditto     | Malabar       |
| 332     | Cinnabarinus   | Cinnabar ditto     | West Indies   |
| 333     | Citrinus       | Lemon ditto        | East Indies   |
| 334—345 | Varius         | Variegated ditto   | Europe        |



|         |        |              |                               |               |
|---------|--------|--------------|-------------------------------|---------------|
| 346     | Pecten | Nodosus      | Duck's-foot or Warded Scallop | America       |
| 347     |        | Histrionicus | Pellucid ditto                | .....         |
| 348     |        | Solaris      | Orange ditto                  | Adriatic      |
| 349     |        | Glaber       | Smooth ditto                  | Mediterranean |
| 350—351 |        | Subrufus     | Smooth-zoned ditto            | Europe        |
| 352—356 |        | Opercularis  | Rough-zoned ditto             | N. Sea        |
| 357     |        | Lima         | File Oyster, or Rough do.     | East Indies   |

*Ostrea.*

|         |        |            |                        |               |
|---------|--------|------------|------------------------|---------------|
| 358—359 | Ostrea | Malleus    | Hammer Oyster          | East Indies   |
| 360     |        | Isogonum   | Long ditto             | Indian Ocean  |
| 361     |        | Edulis     | Edible or Common ditto | Europe        |
| 362     |        | Semiaurita | Half-eared ditto       | Mediterranean |

*Anomia.*

|         |        |                 |                         |               |
|---------|--------|-----------------|-------------------------|---------------|
| 363     | Anomia | Ephippium       | Great-perlaceous Anomia | Mediterranean |
| 364     |        | Cepa            | Onion-Peel ditto        | Ib.           |
| 365—366 |        | Electrica       | Electrical ditto        | Africa        |
| 367—368 |        | Truncata        | Truncated ditto         | Norway        |
| 368     |        | Terebratula     | Terebratula ditto       | .....         |
| 369—379 |        | Caput Serpentis | Serpent's-Head ditto    | Ib.           |
| 371—372 |        | Placenta        | Chinese-pellucid ditto  | Tranquebar    |

*Mytilus.*

|         |         |                |                                |                      |
|---------|---------|----------------|--------------------------------|----------------------|
| 373—374 | Mytilus | Crista-Galli   | Cock's-comb Muscle             | East Indies          |
| 375     |         | Hyotis         | Finger ditto                   | Red Sea              |
| 376—384 |         | Margaritiferus | Pearl ditto                    | Ib.                  |
| 385     |         |                | Seed Pearl                     | Ireland              |
| 386     |         |                | Ditto, ditto                   | Scotland             |
| 387     |         |                | Pearls from Killarney          | Ireland              |
| 388—390 |         | Lithophagus    | Stone-Piercer, or Pholas ditto | West Indies          |
| 391—392 |         | Exustus        | Magellanic ditto               | S. America           |
| 393     |         | Variegatus     | Variegated ditto               | Coast of Africa      |
| 394     |         | Viridis        | Green ditto                    | South. Ocean         |
| 395—396 |         | Edulis         | Edible ditto                   | Europe               |
| 397     |         | Ungulatus      | Ox-hoof ditto                  | Mediterranean        |
| 398     |         | Bidens         | Furrowed-Cap ditto             | Ib.                  |
| 399     |         | Testaceus      | Testaceous ditto               | Atlantic             |
| 400—412 |         | Modiolus       | Great Tulip ditto              | Ib.                  |
| 413—416 |         | Cygneus        | Swan ditto                     | Fresh Waters, Europe |
| 417—420 |         | Hirundo        | Swallow ditto                  | Mediterranean        |



*Pinna.*

|         |       |                |                  |             |
|---------|-------|----------------|------------------|-------------|
| 421—424 | Pinna | Rudis          | Thorny Naker     | India       |
| 425—426 |       | Haud-ignobilis | Noble ditto      | West Indies |
| 427     |       | Vitrea         | Pellucid ditto   | West Indies |
| 428     |       | Pectinata      | Pectinated ditto | East Indies |

*Argonauta.*

|         |           |      |              |              |
|---------|-----------|------|--------------|--------------|
| 429—430 | Argonauta | Argo | Paper-Sailor | Indian Ocean |
|---------|-----------|------|--------------|--------------|

*Nautilus.*

|                  |          |           |                      |          |
|------------------|----------|-----------|----------------------|----------|
| 431—435          | Nautilus | Pompilius | Thick-shelled Sailor | India    |
| 435 <sup>b</sup> |          | Spirula   | Ram's-Horn ditto     | Atlantic |

*Conus.*1. *Truncate.*—*Spire nearly truncate.*

|         |       |            |                 |              |
|---------|-------|------------|-----------------|--------------|
| 436—441 | Conus | Marmoreus  | Marbled Cone    | America      |
| 442—444 |       | Imperialis | Imperial ditto  | C. of Guinea |
| 445—455 |       | Literatus  | Lettered ditto  | East Indies  |
| 456—457 |       | Generalis  | Flambeaux ditto | Ib.          |
| 458—465 |       | Virgo      | Virgin ditto    | C. of Africa |
| 466—469 |       | Capitaneus | Captain ditto   | Ib.          |

2. *Pyriform with a rounded Base*—*the Cylinder half as long again as the Spire.*

|                      |       |                   |                        |              |
|----------------------|-------|-------------------|------------------------|--------------|
| 470—470 <sup>b</sup> | Conus | Vexillum          | Standard Cone          | East Indies  |
| 471—472              |       | Cauda-Erminea     | Ermine-Tail ditto      | Ib.          |
| 473—474              |       | Miles             | Garter ditto           | India        |
| 475—477              |       | Achatinus         | Agate ditto            | West Indies  |
| 478—479              |       | Genuanus          | Butterfly ditto        | C. of Guinea |
| 480—484              |       | Glaucus           | Glaucous ditto         | Africa       |
| 485—487              |       | Monachus          | Monk, or Onyx ditto    | India        |
| 488—491              |       | Rusticus          | Rustic ditto           | West Indies  |
| 492                  |       | Mercator          | Net ditto              | Africa       |
| 493—497              |       | Betulinus         | Beechen ditto          | East Indies  |
| 498—499              |       | Figulinus         | Potter ditto           | Ib.          |
| 500—507              |       | Terebellum        | Auger ditto            | Ib.          |
| 508—510              |       | Ebræus            | Hebrew, or Diamond do. | Amboyna      |
| 511—614              |       | Stercus-Muscarum  | Fly-marked ditto       | Ib.          |
| 515—522              |       | Achates-fasciatus | Banded Agate ditto     | East Indies  |
| 523—525              |       | Varius            | Variegated ditto       | India        |

3. *Elongated, rounded at the Base*—*the Cylinder twice as long as the Spire.*

|         |       |            |                   |                |
|---------|-------|------------|-------------------|----------------|
| 526     | Conus | Nussatella | Dotted-Auger Cone | Asia           |
| 527     |       | Striatus   | Tiger ditto       | Frederick's I. |
| 528—534 |       | Textile    | Brocade ditto     | Ib.            |



|         |       |          |               |             |
|---------|-------|----------|---------------|-------------|
| 535—543 | Conus | Aulicus  | Porphyry Cone | East Indies |
| 544—545 |       | Bullatus | Omelet ditto  | Ib.         |
| 546—549 |       | Tulipa   | Tulip ditto   | Amboyna     |

*Cypræa.*1. *Mucronate.*

|                      |        |              |                      |                |
|----------------------|--------|--------------|----------------------|----------------|
| 550—556              | Cypræa | Exanthema    | Great American Cowry | Atlantic       |
| 557                  |        | Scurra       | Harlequin ditto      | India          |
| 558—559              |        | Mappa        | Map ditto            | Ib.            |
| 560—568              |        | Arabica      | Arabic ditto         | East Indies    |
| 569                  |        | Argus        | Argus ditto          | Africa         |
| 570                  |        | Testudinaria | Tortoise ditto       | Amboyna        |
| 571—578              |        | Stercoraria  | Livid ditto          | Guinea         |
| 579—581              |        | Carneola     | Buff ditto           | Asia           |
| 582—587 <sup>a</sup> |        | Zebra        | Zebra ditto          | Jamaica        |
| 588—589              |        | Talpa        | Mole ditto           | Frederick's I. |
| 590                  |        | Fragilis     | Slender ditto        | Mediterranean  |

2. *Obtuse—without a manifest Spine.*

|         |        |                      |                       |             |
|---------|--------|----------------------|-----------------------|-------------|
| 591—593 | Cypræa | Caput-Serpen-<br>tis | Serpent's-Head Cowry  | Mauritius   |
| 594     |        | Reticulata           | Reticulated ditto     | Ib.         |
| 595     |        | Mauritiana           | Small Tortoise ditto  | Ib.         |
| 596—598 |        | Vitellus             | Salt-speckled ditto   | Amboyna     |
| 599     |        | Mus                  | Mouse ditto           | Carthageria |
| 600—610 |        | Tigris               | Leopard ditto         | Madagascar  |
| 611—612 |        | Lynx                 | Saffron-toothed ditto | Ib.         |
| 613     |        | Isabella             | Orange-tipped ditto   | Mauritius   |

3. *Umbilicate, or perforated.*

|         |        |             |                           |             |
|---------|--------|-------------|---------------------------|-------------|
| 614—615 | Cypræa | Succincta   | Banded Cowry              | India       |
| 616—617 |        | Zic-zac     | Zig-zag ditto             | Ib.         |
| 618     |        | Hirundo     | Swallow ditto             | Maldives I. |
| 619     |        | Leucogaster | White-lipped purple ditto | Ib.         |
| 620     |        | Asellus     | Little Zebra ditto        | Ib.         |

4. *Marginate.*

|         |        |           |                      |               |
|---------|--------|-----------|----------------------|---------------|
| 621     | Cypræa | Cribaria  | Little Argus Cowry   | Ib.           |
| 622     |        | Moneta    | Money ditto          | Ib.           |
| 623     |        | Annulus   | Yellow-ringed ditto  | Amboyna       |
| 624—626 |        | Caurica   | Darkly-spotted ditto | India         |
| 627—629 |        | Erosa     | White-spotted ditto  | Mauritius.    |
| 630     |        | Poraria   | Dotted ditto         | Ib.           |
| 631     |        | Pediculus | Nun ditto            | Europe        |
| 632     |        | Nucleus   | Rice ditto           | East Indies   |
| 633     |        | Staphylea | Small-purple ditto   | Mediterranean |
| 634     |        | Cicercula | Wart ditto           | Ib.           |
| 635     |        | Globulus  | Pearl ditto          | Amboyna       |



*Bulla.*

|                  |       |             |                       |                |
|------------------|-------|-------------|-----------------------|----------------|
| 636—638          | Bulla | Ovum        | Egg Bulla, or Dipper  | Asia           |
| 639—640          |       | Gibbosa     | Gibbous ditto         | Ib.            |
| 641              |       | Aperta      | Open ditto            | Europe         |
| 642—650          |       | Ampulla     | Sea-Net ditto         | East Indies    |
| 651              |       | Lignaria    | Wood ditto            | Europe         |
| 651 <sup>b</sup> |       | Aperta      | Open ditto            | Ib.            |
| 652              |       | Physis      | Pellucid ditto        | East Indies    |
| 663—656          |       | Ficus       | Fig ditto             | Amboyna        |
| 656 <sup>b</sup> |       | Rapa        | Round-Partridge ditto | Asia           |
| 656 <sup>c</sup> |       | Terebellum? | Auger ditto           | Ib.            |
| 557              |       | Cypræa      | Leopard ditto         | Mediterranean  |
| 658              |       | Virginea    | Virgin ditto          | Rivers of Asia |
| 659—664          |       | Achatina    | Agate ditto           | America        |
| 664 <sup>b</sup> |       | Occidua     | Occidental ditto      | S. America     |

*Voluta.*1. *Aperture entire.*

|     |        |            |                    |               |
|-----|--------|------------|--------------------|---------------|
| 665 | Voluta | Auris-Midæ | Midas's-Ear Volute | East Indies   |
| 666 |        | Auris-Judæ | Judas's-Ear ditto  | Fens of India |
| 667 |        | Solidula   | Solid ditto        | East Indies   |
| 668 |        | Tornatilis | Oval ditto         | Irish Sea     |

2. *Sub-cylindrical, emarginate.*

|         |        |           |                     |             |
|---------|--------|-----------|---------------------|-------------|
| 669—675 | Voluta | Porphyria | Porphyry Volute     | Brasil      |
| 679—689 |        | Oliva     | Olive ditto         | East Indies |
| 690     |        | Olivacea  | Purple-lipped ditto | Ib.         |
| 691—694 |        | Nigrita   | Dark-olive ditto    | Amboyna     |
| 695—700 |        | Gibbosa   | Gibbous ditto       | Jamaica     |
| 701—715 |        | Ispidula  | Hispid ditto        | Africa      |

3. *Obovate, effuse, emarginate.*

|         |        |            |                         |               |
|---------|--------|------------|-------------------------|---------------|
| 716     | Voluta | Dactylus   | Date Volute             | India         |
| 717     |        | Miliaria   | Millet ditto            | Mediterranean |
| 718—720 |        | Persicula  | Little-Peach ditto      | C. of Guinea  |
| 721     |        | Marginata  | Full-lipped White ditto | Ib.           |
| 722     |        | Pallida    | Pale ditto              | Africa        |
| 723     |        | Faba       | Bean ditto              | Goree         |
| 724—726 |        | Glabella   | Smooth ditto            | Africa        |
| 727—728 |        | Mercatoria | Traffic ditto           | Mediterranean |
| 729—731 |        | Rustica    | Rustick ditto           | Ib.           |
| 732     |        | Paupercula | Zebra ditto             | Ib.           |
| 733     |        | Mendicaria | Banded ditto            | Asia          |
| 734     |        | Bifasciata | White-banded ditto      | Ib.           |
| 735     |        | Triplicata | Three-plaited ditto     | England       |



4. *Fusiform.*

|         |        |                   |                      |                    |
|---------|--------|-------------------|----------------------|--------------------|
| 736—737 | Voluta | Scabricula        | Pearly Volute        | <i>Tranquebar</i>  |
| 738     |        | Vulpecula         | Fox ditto            | <i>East Indies</i> |
| 739—744 |        | Plicaria          | Furrowed ditto       | <i>Nicobar</i>     |
| 745—746 |        | Pertusa           | Punctured ditto      | <i>East Indies</i> |
| 747—750 |        | Mitra-Episcopalis | Bishops'-Mitre ditto | <i>Asia</i>        |
| 751—753 |        | Mitra-Papalis     | Pope's-Mitre ditto   | <i>East Indies</i> |
| 754—756 |        | Musica            | Musick ditto         | <i>Jamaica</i>     |
| 757—766 |        | Vespertilio       | Bat's-Wing ditto     | <i>Amboyna</i>     |
| 767—768 |        | Ebræa             | Hebrew-Musick ditto  | <i>East Indies</i> |
| 769     |        | Nodulosa          | Knotted ditto        | <i>Ib.</i>         |
| 770—771 |        | Turbinellus       | Spur ditto           | <i>Coromandel</i>  |
| 772     |        | Capitellum        | White-Musick ditto   | <i>East Indies</i> |
| 773—774 |        | Ceramica          | Ceram-Spur ditto     | <i>Ib.</i>         |
| 775     |        | Pyrum             | Pear ditto           | <i>Tranquebar</i>  |
| 776     |        | Verraculata       | Warted ditto         | <i>India</i>       |

5. *Ventricose.*

|         |        |           |                  |                       |
|---------|--------|-----------|------------------|-----------------------|
| 777—779 | Voluta | Æthiopica | Ethiopian Volute | <i>Persian Gulph</i>  |
| 780—783 |        | Cymbium   | Boat ditto       | <i>Philippine Is.</i> |
| 784—785 |        | Olla      | Tun ditto        | <i>Ib.</i>            |
| 786     |        | Præputium | Pied ditto       | <i>Tranquebar</i>     |
| 787     |        | Ampulla   | Flask ditto      | <i>Europe</i>         |

*Buccinum.*1. *Inflated, rounded, semi-transparent, brittle.*

|         |          |          |                          |                     |
|---------|----------|----------|--------------------------|---------------------|
| 788     | Buccinum | Olearium | Brown-streaked Tun-Whelk | <i>India</i>        |
| 789—790 |          | Galea    | Helmet ditto             | <i>East Indies</i>  |
| 791—795 |          | Perdrix  | Partridge ditto          | <i>C. of Guinea</i> |
| 796     |          | Pomum    | Apple ditto              | <i>Java</i>         |
| 797—800 |          | Dolium   | Spotted ditto            | <i>Tranquebar.</i>  |

2. *Beak short, exserted, reflected.—Lip unarmed outwardly.*

|         |          |              |                      |                      |
|---------|----------|--------------|----------------------|----------------------|
| 801—802 | Buccinum | Echinophorum | Knotted Helmet-Whelk | <i>Mediterranean</i> |
| 803—808 |          | Cornutum     | Horned ditto         | <i>America</i>       |
| 809     |          | Rufum        | Rufous ditto         | <i>Ib.</i>           |
| 810     |          | Tuberosum    | Pearly ditto         | <i>Ib.</i>           |
| 811     |          | Flammeum     | Plaited ditto        | <i>Ib.</i>           |
| 812—817 |          | Testiculus   | Furrowed ditto       | <i>West Indies</i>   |
| 818—819 |          | Decussatum   | Reticulated ditto    | <i>Africa</i>        |
| 820—825 |          | Areola       | Small Dice ditto     | <i>Java</i>          |



3. *Lip sharply pointed externally behind, in other respects like the preceding Division.*

|         |          |            |                     |            |
|---------|----------|------------|---------------------|------------|
| 826—832 | Buccinum | Erinaceus  | Curled Casket-Whelk | Tranquebar |
| 833     |          | Glaucum    | Glaucous ditto      | Amboyna    |
| 834—836 |          | Vibex      | Smooth-lipped ditto | Jamaica    |
| 837     |          | Pappilosum | Warted ditto        | Amboyna    |

4. *Pillar-lip thickened and dilated.*

|         |          |           |                    |               |
|---------|----------|-----------|--------------------|---------------|
| 838—839 | Buccinum | Arcularia | Coffer Whelk       | India         |
| 840     |          | Pullus    | Small Coffer ditto | Mediterranean |

5. *Pillar-lip thickened, appearing worn and flat.*

|         |          |           |                     |              |
|---------|----------|-----------|---------------------|--------------|
| 841—850 | Buccinum | Harpa     | Harp Whelk          | East Indies  |
| 851     |          | Costatum  | Narrow-ribbed ditto | Falkland Is. |
| 852—855 |          | Persicum  | Persian Music ditto | Persian Gulf |
| 856—858 |          | Patulum   | Open ditto          | India        |
| 859     |          | Hæmastoma | Red-mouthed ditto   | Europe       |
| 860     |          | Monoceros | Unicorn ditto       | Falkland Is. |
| 861     |          | Lapillus  | Purple ditto        | Europe       |

6. *Smooth.*

|         |          |           |                        |            |
|---------|----------|-----------|------------------------|------------|
| 862—864 | Buccinum | Spiratum  | Spiral Dice-Whelk      | Tranquebar |
| 865     |          | Glabratum | Smooth yellowish ditto | Ib.        |

7. *Angular.*

|     |          |             |                    |        |
|-----|----------|-------------|--------------------|--------|
| 866 | Buccinum | Glaciale    | Northern Whelk     | N. Sea |
| 867 |          | Undatum     | Waved ditto        | Europe |
| 868 |          | Reticulatum | Reticulated ditto  | Ib.    |
| 869 |          | Clathratum  | Cross-barred ditto | India  |

8. *Tapering, subulate, smooth.*

|         |          |             |                       |             |
|---------|----------|-------------|-----------------------|-------------|
| 870—872 | Buccinum | Maculatum   | Tiger's-Tooth Whelk   | East Indies |
| 873     |          | Subulatum   | Spotted Piercer ditto | Ib.         |
| 874     |          | Candidum    | White Piercer ditto   | Ib.         |
| 875—876 |          | Vittatum    | Ribband ditto         | Tranquebar  |
| 877—878 |          | Strigilatum | Syringe ditto         | Ib.         |
| 279     |          | Duplicatum  | Plaited ditto         | East Indies |
| 880     |          | Lanceatum   | Furrowed-Pen ditto    | Ib.         |
| 881—886 |          | Dimidiatum  | Doubly-plaited ditto  | Ib.         |

*Strombus.*

1. *Lip projecting into linear divisions, or claws.*

|     |          |              |                                      |         |
|-----|----------|--------------|--------------------------------------|---------|
| 887 | Strombus | Fusus        | Spindle Strombus, or<br>Screw-Shell  | Red Sea |
| 888 |          | Pes-Pelecani | Pelicans-foot ditto                  | Europe  |
| 888 |          | Costatus     | Chesnut-ribbed ditto                 | Ib.     |
| 889 |          | Chiragra     | Gouty-Hand, or Devils-<br>Claw ditto | Asia    |



|         |          |          |                   |             |
|---------|----------|----------|-------------------|-------------|
| 890     | Strombus | Scorpius | Scorpion Strombus | East Indies |
| 891—894 |          | Lambis   | Spider ditto      | Asia        |

2. *Lobed.*

|         |          |              |                         |         |
|---------|----------|--------------|-------------------------|---------|
| 895—903 | Strombus | Lentiginosus | Freckled Strombus       | Asia    |
| 904     |          | Gallus       | Plough ditto            | Ib.     |
| 105—912 |          | Auris-Dianæ  | Diana's-Ear ditto       | Amboyua |
| 913—918 |          | Pugilis      | Gladiator's-Glove ditto | Jamaica |
| 919—923 |          | Luhuanus     | Broad-lipped ditto      | Asia    |
| 924—929 |          | Gibberulus   | Girdled-Canary ditto    | Ib.     |

3. *Dilated.*

|         |          |               |                       |             |
|---------|----------|---------------|-----------------------|-------------|
| 930—939 | Strombus | Lucifer       | Morning-Star Strombus | S. America  |
| 940—941 |          | Gigas         | Gigantic ditto        | West Indies |
| 942     |          | Polyfasciatus | Many-banded ditto     | Ib.         |
| 943—944 |          | Canarium      | Canary ditto          | Amboyua     |
| 945     |          | Epidromis     | Great Canary ditto    | Asia        |
| 946—949 |          | Vittatus      | Filleted ditto        | Amboyua     |
| 950—954 |          | Urceus        | Knobbed Canary ditto  | Mauritius   |

4. *Tapering spire very long.*

|     |          |              |                  |               |
|-----|----------|--------------|------------------|---------------|
| 955 | Strombus | Tuberculatus | Warted Strombus] | Mediterranean |
| 956 |          | Lividus      | Livid ditto      | Ib.           |

*Murex.*1. *Spinous—Beak extended.*

|         |       |            |                            |               |
|---------|-------|------------|----------------------------|---------------|
| 957—960 | Murex | Haustellum | Snipe Murex, or Rock-Shell | E. Indies     |
| 961     |       | Tribulus   | Thorny Wood-cock ditto     | Ib.           |
| 962—971 |       | Brandaris  | Thorny-Snipe ditto         | Adriatic      |
| 972—975 |       | Trunculus  | Trunk ditto                | Mediterranean |

2. *Sutures expanding into crisped foliations—Beak abbreviated.*

|           |       |                  |                         |               |
|-----------|-------|------------------|-------------------------|---------------|
| 976—979   | Murex | Triqueter Bornii | Triangular Murex        | Tranquebar    |
| 980—985   |       | Ramosus          | Caltrop ditto           | E. Indies     |
| 986       |       | Scorpio          | Scorpion ditto          | Ib.           |
| 987—988   |       | Saxatilis        | Endive ditto            | Ib.           |
| 989       |       | Erinaceus        | Urchin ditto            | Mediterranean |
| 990—994   |       | Rana             | Toad ditto              | Tranquebar    |
| 995—997   |       | Gyrinus          | Tuberculated ditto      | Ib.           |
| 998       |       | Costatus Bornii  | Ribbed ditto            | India         |
| 999       |       | Lampas           | Lamp ditto              | Amboyua       |
| 1000—1004 |       | Olearium         | Tun ditto               | Africa        |
| 1005—1006 |       | Femorale         | Warted-Triangular ditto | New Guinea    |
| 1007—1013 |       | Cutaceus         | Broad-ribbed ditto      | Guinea        |
| 1014—1017 |       | Lotorium         | Protuberant ditto       | E. Indies     |
| 1018      |       | Pileare          | Hairy ditto             | Mediterranean |



|           |       |             |                            |               |
|-----------|-------|-------------|----------------------------|---------------|
| 1019      | Murex | Bafonius    | Rare Knobbed-Trumpet Murex | India         |
| 1020-1022 |       | Pyrum       | Pear ditto                 | Ib.           |
| 1023-1025 |       | Rubecula    | Variegated ditto           | E. Indies     |
| 1026-1027 |       | Reticularis | Reticulated ditto          | Mediterranean |
| 1028-1029 |       | Anus        | Grimace ditto              | Ib.           |

4. *Sub-spinous—Beak not manifest.*

|           |       |               |                      |            |
|-----------|-------|---------------|----------------------|------------|
| 1030      | Murex | Ricinus       | Small Spur Murex     | Coromandel |
| 1031-1033 |       | Nodus         | Great Chesnut ditto  | Jamaica    |
| 1034-1035 |       | Hippocastanum | Small Chesnut ditto  | Asia       |
| 1036-1040 |       | Melongena     | Blue and White ditto | India      |
| 1041-1044 |       | Rapiformis    | Turnep ditto         | Ib.        |

5. *Beak, long, straight, subulate, closed—shell unarmed.*

|                   |         |               |                        |               |
|-------------------|---------|---------------|------------------------|---------------|
| 1045-1047         | Murex   | Babylonius    | Tower-of-Babel Murex   | Asia          |
| 1048-1052         |         | Javanus       | Knotted Trumpet ditto  | India         |
| 1053-1055         |         | Colus         | Distaff ditto          | Amboyna       |
| 1056-1059         |         | Morio         | Coquet ditto           | Africa        |
| 1060              |         | Cochlidium    | Stair-case ditto       | E. Indies     |
| 1061              |         | Spirillus     | Spinning-Top ditto     | Malabar       |
| 1062              |         | Canaliculatus | Channelled ditto       | America       |
| 1063-1065         |         | Ficus         | Fig ditto              | India         |
| 1066              |         | Antiquus      | Common ditto           | Europe        |
| 1066 <sup>b</sup> | Muricis | Antiqui Ova   | Eggs of ditto ditto    | Ib.           |
| 1066 <sup>c</sup> | Murices | Antiqui Pulli | Young do. from the Egg | Ib.           |
| 1067-1068         |         | Pugilinus     | Gannet ditto           | Tranquebar    |
| 1069-1070         |         | Tritonis      | African Bugle-Horn do. | Mediterranean |
| 1071-1072         |         | Pusio         | Brown Trumpet ditto    | Africa        |
| 1073              |         | Denticulatus  | Denticulated ditto     | Ib.           |
| 1074-1078         |         | Tulipa        | Tulip ditto            | West Indies   |
| 1079-1081         |         | Clathratus    | Cross-barred ditto     | Ladrone Is.   |
| 1082              |         | Emarginatus   | Notched-lipped ditto   | Europe        |
| 1083              |         | Augulatus     | Angular ditto          | North Seas    |
| 1084              |         | Dolarium      | Horny-knobbed ditto    | India         |
| 1085-1018         |         | Trapezium     | Persian-Robe ditto     | Amboyna       |
| 1090              |         | Craticulatus  | Netted ditto           | Mediterranean |
| 1091              |         | Perversus     | Wry-mouthed ditto      | Africa        |
| 1092              |         | *Mercatorius  | Traffic ditto          | Europe        |
| 1093-1094         |         | Argus         | Argus ditto            | Mediterranean |

6. *Tapering, subulate—Beak very long.*

|           |       |           |                      |               |
|-----------|-------|-----------|----------------------|---------------|
| 1095-1097 | Murex | Vertagus  | White-peg Murex      | E. Indies     |
| 1098      |       | Gibbosus  | Gibbous ditto        | Ib.           |
| 1099-1104 |       | Aluco     | Hercules'-club ditto | Ib.           |
| 1105      |       | Coronatus | Crowned ditto        | Ib.           |
| 1106-1108 |       | Literatus | White-Briar ditto    | Mediterranean |
| 1109      |       | Fuscatus  | Brown-Thorn ditto    | Ib.           |



|           |       |             |                  |                   |
|-----------|-------|-------------|------------------|-------------------|
| 1110      | Murex | Radula      | File Murex       | <i>Africa</i>     |
| 1111      |       | Atratus     | Black ditto      | <i>Ib.</i>        |
| 1112      |       | Granulatus? | Granulated ditto | <i>Asia</i>       |
| 1113-1114 |       | Varicosus   | Varicose ditto   | <i>C. G. Hope</i> |

*Trochus.*1. *Umbilicate, erect—Pillar perforated.*

|                   |         |                                |                              |                      |
|-------------------|---------|--------------------------------|------------------------------|----------------------|
| 1115-1116         | Trochus | Niloticus                      | Marbled Trochus or Top-Shell | <i>West Indies</i>   |
| 1117              |         | Acutangulus                    | Angular ditto                | <i>E. Indies</i>     |
| 1118-1121         |         | Maculatus                      | Spotted ditto                | <i>Ib.</i>           |
| 1122              |         | Apiarium-Chinese-Bee-hive nese | ditto                        | <i>Ib.</i>           |
| 1123              |         | Radiatus                       | Radiated ditto               | <i>Ib.</i>           |
| 1124-1127         |         | Perspectivus                   | Staircase ditto              | <i>Tranquebar</i>    |
| 1128              |         | Hybridus                       | Hybrid ditto                 | <i>Mediterranean</i> |
| 1129              |         | Pharaonius                     | Strawberry ditto             | <i>Red Sea</i>       |
| 1130              |         | Cruciatus                      | Variegated-dotted ditto      | <i>Mediterranean</i> |
| 1131-1132         |         | Magus                          | Tuberculated ditto           | <i>Ib.</i>           |
| 1133-1134         |         | Muricatus                      | Muricated ditto              | <i>Ib.</i>           |
| 1135              |         | Striatus                       | Striated ditto               | <i>Africa</i>        |
| 1136              |         | Cinerarius                     | Umbilical ditto              | <i>Irish Sea</i>     |
| 1136 <sup>b</sup> |         | Cinereus                       | Ashen ditto                  | <i>Ib.</i>           |
| 1137              |         | Umbilicaris                    | Purple-waved ditto           | <i>Europe</i>        |
| 1133              |         | Funiculatus?                   | Thread-girt ditto            | <i>Ib.</i>           |
| 1139-1140         |         | Declive                        | Winding ditto                | <i>West Indies</i>   |

2. *Imperforate, erect—Umbilicus closed.*

|           |         |                   |                        |                        |
|-----------|---------|-------------------|------------------------|------------------------|
| 1141      | Trochus | Vestiarius        | Variegated Trochus     | <i>Bengal</i>          |
| 1142-1144 |         | Lunaris           | Orange-eyed ditto      | <i>Tranquebar</i>      |
| 1145-1146 |         | Cooksianus        | Capt. Cooke's ditto    | <i>Cooke's Straits</i> |
| 1147-1148 |         | Conulus           | Conule ditto           | <i>Mediterranean</i>   |
| 1149-1150 |         | Zizyphinus        | Livid ditto            | <i>Europe</i>          |
| 1151      |         | Granulatus        | Granulated ditto       | <i>India</i>           |
| 1152-1156 |         | Tesselatus        | Tesselated ditto       | <i>Africa</i>          |
| 1157-1158 |         | Iris              | Rainbow ditto          | <i>New Zeland</i>      |
| 1159      |         | Leviter-muricatus | Slightly-knobbed ditto | <i>India</i>           |
| 1160-1161 |         | Fenestratus       | Pyramid ditto          | <i>E. Indies</i>       |
| 1162      |         | Tuberosus         | Rough ditto            | <i>Mauritius</i>       |
| 1163      |         | Obeliscus         | Obelisk ditto          | <i>India</i>           |
| 1164      |         | Virgatus          | Scarlet-waved ditto    | <i>S. Sea</i>          |

3.—*Tapering—Pillar exserted—falling on the side when set upon the Base.*

|      |         |             |                   |                  |
|------|---------|-------------|-------------------|------------------|
| 1165 | Trochus | Telescopium | Telescope Trochus | <i>E. Indies</i> |
|------|---------|-------------|-------------------|------------------|



*Turbo.*1. *Pillar margin of the Aperture dilated, imperforate*

|      |                  |                                       |           |
|------|------------------|---------------------------------------|-----------|
| 1166 | Turbo Neritoides | Nerite-like Turbo, or<br>Wreath-Shell | North Sea |
| 1167 | Littoreus        | Perriwinkle ditto                     | Europe    |

2. *Solid—imperforate.*

|                        |                              |                            |               |
|------------------------|------------------------------|----------------------------|---------------|
| 1168                   | Turbo Cimex                  | Latticed Turbo             | Guernsey      |
| 1169                   | Pullus                       | Painted ditto              | Cornwall      |
| 1170                   | Fasciatus                    | Fasciated ditto            | Wales         |
| 1171-1176              | Petholatus                   | Variegated ditto           | East Indies   |
| 1177                   | Cidaris-Persicus             | Persian-Turban ditto       | West Indies   |
| 1178                   | Cidaris-rufescens            | Reddish-Turban ditto       | Ib.           |
| 1179-1183 <sup>b</sup> | Chrysostomus                 | Golden-mouthed ditto       | East Indies   |
| 1184-1186              | Pagodus                      | Pagoda ditto               | Ib.           |
| 1187-1190              | Calcar                       | Spur ditto                 | Ib.           |
| 1191-1192 <sup>b</sup> | Rugosus                      | Rugged ditto               | Mediterranean |
| 1193                   | Castanea                     | Chesnut ditto              | West Indies   |
| 1194-1195              | Marmoratus                   | Marbled ditto              | Ceylon        |
| 1196-1197              | Marm. Opercu-<br>lum         | Mouth-cover of ditto       | Ib.           |
| 1198-1200              | Olearii Opercu-<br>lum       | Ditto of Giant's-Ear ditto | East Indies   |
| 1201-1206              | Olearius                     | Giant's-Ear ditto          | Ib.           |
| 1207                   | Imperialis                   | Imperial ditto             | China         |
| 1208-1214              | Pica                         | Magpye ditto               | West Indies   |
| 1215-1220              | Argyrostomus                 | Silver-mouthed ditto       | East Indies   |
| 1221                   | Argyrost.-cana-<br>liculatus | Grooved ditto ditto        | Ib.           |
| 1222-1225              | Delphinus                    | Dolphin's-Head             | Asia          |
| 1226                   | Delph. nodosus               | Knobbed ditto ditto        | Ib.           |
| 1227                   | Carinatus                    | Carinate ditto             | East Indies   |
| 1228                   | Spengleri                    | Spengler's ditto           | Ib.           |
| 1229-1232              | Smaragdus                    | Emerald ditto              | New Zealand   |
| 1233                   | Iris                         | Rainbow ditto              | India         |
| 1234                   | *Rubellus                    | Otaheitan ditto            | Pacific Ocean |

3. *Cancellate.*

|           |                |                    |               |
|-----------|----------------|--------------------|---------------|
| 1235      | Turbo Scalaris | Wentletrap Turbo   | Tranquebar    |
| 1236      | Clathrus       | False ditto ditto  | East Indies   |
| 1337      | Ambiguus       | Doubtful ditto     | Ib.           |
| 1238      | Uva            | Grape ditto        | West Indies   |
| 1239      | Lincina        | Open-mouthed ditto | Jamaica       |
| 1240      | Reflexus       | Sattin ditto       | Mediterranean |
| 1241-1242 | Hyalinus       | Transparent ditto  | Europe        |
| 1243      | Fontinalis     | Fountain ditto     | Ib.           |
| 1244      | Striatus       | Striated ditto     | Ib.           |



|           |                |                |               |
|-----------|----------------|----------------|---------------|
| 1245      | Turbo Lineatus | Lineated Turbo | Europe        |
| 1246-1248 | Corneus        | Horny ditto    | Ib.           |
| 1249      | Crenatus       | Crenate ditto  | Mediterranean |

4. *Tapering.*

|                   |                 |                            |              |
|-------------------|-----------------|----------------------------|--------------|
| 1250              | Turbo Perversus | Oats, or Wry-mouthed Turbo | Europe       |
| 1251              | Muscorum        | Moss ditto                 | Ib.          |
| 1251 <sup>b</sup> | Costatus        | Ribbed ditto               | Ib.          |
| 1252              | Replicatus      | Folded ditto               | Tranquebar   |
| 1253              | Acutangulus     | Angular ditto              | Europe       |
| 1254              | Duplicatus      | Doubly-ridged ditto        | Coromandel   |
| 1255-1256         | Exoletus        | Girdled ditto              | C. of Guinea |
| 1257-1264         | Terebra         | Auger ditto                | East Indies  |
| 1266              | Variegatus      | Variegated ditto           | S. America   |

*Helix.*1. *Whirls with a carinate, acute margin.*

|      |                 |                     |            |
|------|-----------------|---------------------|------------|
| 1266 | Helix Scarabæus | Beetle Snail        | Tranquebar |
| 1267 | Lapicida        | Acutely-edged ditto | Europe     |
| 1268 | Planorbis       | Flat ditto          | Ib.        |
| 1269 | Complanata      | Flattened ditto     | Ib.        |
| 1270 | Vortex          | Common Whirl ditto  | Ib.        |
| 1271 | Cepa            | Onion ditto         | India      |

2. *Umbilicate—Whirls rounded.*

|           |                     |                  |                |
|-----------|---------------------|------------------|----------------|
| 1272-1273 | Helix Cornu-Arietis | Ram's-Horn Snail | East Indies    |
| 1274      | Cornea              | Horny ditto      | Europe         |
| 1275      | Pomatia             | Wineguard ditto  | Ib.            |
| 1276-1277 | Citrina             | Citron ditto     | Jamaica        |
| 1278      | Castanea            | Chesnut ditto    | Ib.            |
| 1279      | Arbustorum          | Shrubbery ditto  | Europe         |
| 1280      | Zonaria             | Zoned ditto      | Ib.            |
| 1281-1282 | Lusitanica          | Portuguese ditto | Ib.            |
| 1283      | Mammillaris         | Striated ditto   | Riv. of Africa |
| 1284      | Itala               | Italian ditto    | S. Europe      |
| 1285      | Tenuis              | Thin ditto       | Europe         |
| 1286      | Fuscescens          | Brownish ditto   | Thuringia      |
| 1287      | Striata             | Streaked ditto   | S. Europe      |
| 1288      | Turturum            | Dove ditto       | Europe         |

3. *Rounded—imperforate.*

|           |                 |               |          |
|-----------|-----------------|---------------|----------|
| 1289-1294 | Helix Nemoralis | Girdled Snail | Ib.      |
| 1295-1226 | Hortensis       | Garden ditto  | Ib.      |
| 1297      | Ianthina        | Purple ditto  | Atlantic |



4. *Ovate, imperforate.*

|      |                |                     |        |
|------|----------------|---------------------|--------|
| 1298 | Helix Perversa | Wry-mouthed Snail   | India  |
| 1299 | Stagnalis      | Lake Snail          | Europe |
| 1300 | Fragilis       | Brittle River ditto | Ib.    |
| 1301 | Palustris      | Marsh ditto         | Ib.    |
| 1302 | Auricularis    | Ear-shaped ditto    | Ib.    |
| 1303 | Putris         | Mud ditto           | Ib.    |
| 1304 | Tentaculata    | Olive ditto         | Ib.    |
| 1305 | Lævigata       | Smooth ditto        | Ib.    |
| 1306 | *Picta         | Painted ditto       | Ib.    |

*Nerita.*1. *Umbilicate.*

|                        |                       |                                   |               |
|------------------------|-----------------------|-----------------------------------|---------------|
| 1307-1317              | Nerita Canrena        | Queen's-Cap Nerite                | West Indies   |
| 1318                   | Punctata              | Dotted ditto                      | Ib.           |
| 1319-1326              | Glaucina              | Livid ditto                       | Tranquebar    |
| 1327-1328 <sup>b</sup> | Rufa                  | Rufous-banded ditto               | Mauritius.    |
| 1329                   | Vitellus              | Yellow ditto                      | West Indies   |
| 1330-1332              | Zic-zac               | Zig-zag ditto                     | Africa        |
| 1333-1334              | Pellis-Tigrina        | Tiger's-skin ditto                | Tranquebar    |
| 1335-1339              | Globosa               | Round ditto                       | Ib.           |
| 1340-1341              | Rufescente-<br>varia  | Variegated-Rufous ditto . . . . . |               |
| 1342-1344              | Chrysostoma           | Golden-mouthed ditto              | Asia          |
| 1345                   | Adusta                | Brown-lipped ditto                | Tranquebar    |
| 1346-1349              | Mammilla              | White-Nipple ditto                | Ib.           |
| 1360                   | Nitida                | Milk-white ditto                  | Scotland      |
| 1351                   | Stercus-Mus-<br>carum | Fly-marked ditto                  | Mediterranean |

2. *Imperforate—Lip without teeth.*

|           |               |              |             |
|-----------|---------------|--------------|-------------|
| 1352-1353 | Nerita Radula | File Nerite  | East Indies |
| 1354-1359 | Cornea        | Horny ditto  | Ib.         |
| 1360      | Litoralis     | Strand ditto | Europe      |
| 1361      | Fluviatilis   | River ditto  | Ireland     |

3. *Imperforate—Lip toothed.*

|           |                 |                  |             |
|-----------|-----------------|------------------|-------------|
| 1362-1363 | Nerita Virginea | Painted Nerite   | West Indies |
| 1364      | Pulligera       | Brown ditto      | East Indies |
| 1365      | Viridis         | Green ditto      | Jamaica     |
| 1366-1371 | Polita          | Glossy ditto     | East Indies |
| 1372-1377 | Peloronta       | Peloroon ditto   | Asia        |
| 1378-1381 | Histrio         | Guinea-Hen ditto | E. Indies   |
| 1382-1384 | Nigerrima       | Black ditto      | West Indies |
| 1385      | Pica            | Pied ditto       | East Indies |
| 1386      | Tesselata       | Tesselated ditto | West Indies |
| 1387-1388 | Plicata         | Plaited ditto    | Tranquebar  |
| 1389      | Chamaeleon      | Chameleon ditto  | East Indies |



|           |        |            |                          |                   |
|-----------|--------|------------|--------------------------|-------------------|
| 1390      | Nerita | Variegata  | Variegated Nerite        | <i>W. Indies</i>  |
| 1391      |        | Bifasciata | Banded ditto             | <i>India</i>      |
| 1392-1396 |        | Undata     | Waved ditto              | <i>Ib.</i>        |
| 1397      |        | Reticulata | Reticulated ditto        | <i>Ib.</i>        |
| 1398      |        | Nivea      | Snow-white ditto         | <i>Ib.</i>        |
| 1399      |        | Albicilla  | Partridge-breasted ditto | <i>C. G. Hope</i> |

*Haliotis.*

|           |          |             |                     |                    |
|-----------|----------|-------------|---------------------|--------------------|
| 1400-1402 | Haliotis | Midæ        | Midas's Sea-Ear     | <i>East Indies</i> |
| 1403-1407 |          | Iridis      | Rainbow ditto       | <i>New Zealand</i> |
| 1408-1409 |          | Tuberculata | Tuberculated ditto  | <i>Europe</i>      |
| 1410-1412 |          | Plicata     | Plaited ditto       | <i>New Zealand</i> |
| 1413-1415 |          | Striata     | Striated ditto      | <i>Asia</i>        |
| 1416      |          | Varia       | Variegated ditto    | <i>East Indies</i> |
| 1417-1419 |          | Marmorata   | Marbled ditto       | <i>Africa</i>      |
| 1420-1422 |          | Asinina     | Asinine ditto       | <i>E. Indies</i>   |
| 1423      |          | Parva       | Small ditto         | <i>Africa</i>      |
| 1424      |          | Bistriata   | Doubly-ribbed ditto | <i>Ib.</i>         |
| 1425      |          | Imperforata | Imperforated ditto  | <i>India</i>       |

*Patella.*1. *Furnished with an internal Lip.*

|           |         |            |                                            |                      |
|-----------|---------|------------|--------------------------------------------|----------------------|
| 1426-1427 | Patella | Equestris  | Equestrian Chambered<br>Patella, or Limpet | <i>West Indies</i>   |
| 1428      |         | Neritoidea | Nerite-like ditto                          | <i>Mediterranean</i> |
| 1429-1430 |         | Porcellana | Porcelain ditto                            | <i>Goree</i>         |
| 1431      |         | Albida     | Whitish ditto or Chinese<br>Bonnet         | <i>Irish Sea</i>     |

2. *Toothed at the Base.—Margin angular.*

|           |         |            |                      |                     |
|-----------|---------|------------|----------------------|---------------------|
| 1432-1435 | Patella | Barbara    | Large Ribbed-Patella | <i>Falkland Is.</i> |
| 1436-1437 |         | Plicata    | Plaited ditto        | <i>India</i>        |
| 1438-1441 |         | Granularis | Granular ditto       | <i>W. Indies</i>    |
| 1442-1445 |         | Granatina  | Garnet ditto         | <i>C. G. Hope</i>   |
| 1446-1449 |         | Cochlear   | Spoon ditto          | <i>Ib.</i>          |
| 1450-1452 |         | Vulgata    | Common ditto         | <i>Europe</i>       |

3. *Crown pointed—recurved.*

|           |         |                      |                    |                      |
|-----------|---------|----------------------|--------------------|----------------------|
| 1453-1454 | Patella | Antiquata            | Antiquated Patella | <i>Africa</i>        |
| 1455-1461 |         | Carthaginien-<br>sis | Carthaginian ditto | <i>Ib.</i>           |
| 1462-1463 |         | Mammillaris          | Brown-Nipple ditto | <i>Mediterranean</i> |
| 1464      |         | Pectinata            | Pectinated ditto   | <i>Ib.</i>           |
| 1464      |         | Asteroides           | Star-like ditto    | <i>Ib.</i>           |
| 1465      |         | Elegans              | Radiated ditto     | <i>Ib.</i>           |
| 1466      |         | Literata             | Lettered ditto     | <i>Ib.</i>           |
| 1467      |         | Radula               | Rasp ditto         | <i>Ib.</i>           |
| 1467      |         | Pellucida            | Blue-rayed ditto   | <i>Dublin Bay</i>    |



4. *Very entire.—Crown not pointed.*

|           |         |              |                    |                   |
|-----------|---------|--------------|--------------------|-------------------|
| 1468      | Patella | Testudinaria | Tortoise Patella   | <i>E. Indies</i>  |
| 1469-1471 |         | Compressa    | Compressed ditto   | <i>Ib.</i>        |
| 1472-1475 |         | Rustica      | Dutch-bonnet ditto | <i>Portugal</i>   |
| 1476      |         | Anomala      | Anomalous ditto    | .....             |
| 1477      |         | Virginea     | Brown-lipped ditto | .....             |
| 1478      |         | Intorta      | Inclining ditto    | <i>Irish Sea</i>  |
| 1479      |         | Parva        | Small ditto        | <i>Devonshire</i> |
| 1480      |         | Fissura      | Slit ditto         | <i>Europe</i>     |
| 1481      |         | Militaris    | Hooked ditto       | <i>Ib.</i>        |

5. *Crown perforated.*

|           |         |            |                       |                      |
|-----------|---------|------------|-----------------------|----------------------|
| 1482-1483 | Patella | Pustula    | Pustuled Mask-Patella | <i>Mediterranean</i> |
| 1484      |         | Reticulata | Reticulated ditto     | <i>British Seas</i>  |
| 1485      |         | Conspersa  | Dotted ditto          | .....                |
| 1486-1489 |         | Græca      | Thimble ditto         | <i>Mediterranean</i> |
| 1490-1496 |         | Nimbosa    | Clouded ditto         | <i>Ib.</i>           |
| 1497      |         | Rosea      | Rosy ditto            | .....                |
| 1498      |         | Bicolor    | Chesnut-rayed ditto   | .....                |
| 1499      |         | Depressa   | Depressed ditto       | .....                |

*Dentalium.*

|      |           |              |                        |              |
|------|-----------|--------------|------------------------|--------------|
| 1500 | Dentalium | Elephantinum | Elephant's Tooth-Shell | <i>India</i> |
| 1501 |           | Aprinum?     | Boar's ditto           | <i>Ib.</i>   |
| 1502 |           | Strictum     | Striated ditto         | <i>Ib.</i>   |
| 1503 |           | Entalis      | Dog's ditto            | <i>Ib.</i>   |
| 1504 |           | Politum      | Polished ditto         | <i>Ib.</i>   |

*Serpula.*

|                   |         |                    |                               |                  |
|-------------------|---------|--------------------|-------------------------------|------------------|
| 1505-1508         | Serpula | Triquetra          | Ridged Serpula, or Worm Shell | <i>Europe</i>    |
| 1508 <sup>b</sup> |         | Spirorbis          | Wrackspangle ditto            | <i>Ib.</i>       |
| 1509              |         | Contortuplicata    | Twined ditto                  | <i>Ib.</i>       |
| 1510              |         | Glomerata          | Glomerate ditto               | <i>Ib.</i>       |
| 1511              |         | Vitrea             | Glossy ditto                  | <i>Greenland</i> |
| 1512-1513         |         | Anguina            | Snake ditto                   | <i>India</i>     |
| 1514              |         | Decussata          | Ribbed ditto                  | <i>Barbary</i>   |
| 1515-1516         |         | Arenaria           | Flat ditto                    | <i>India</i>     |
| 1517              |         | Reticularis        | Reticulated ditto             | <i>Europe</i>    |
| 1518              |         | Carnaria           | Flesh-coloured ditto          | <i>Ib.</i>       |
| 1519              |         | Vermicularis       | Vermicular ditto              | <i>Ib.</i>       |
| 1520              |         | Intestinum-Bubulum | Tripe ditto                   | .....            |
| 1521-1522         |         | Penis              | Watering-Pot ditto            | <i>India</i>     |



*Teredo.*

|      |        |                                                                                        |                                                           |            |
|------|--------|----------------------------------------------------------------------------------------|-----------------------------------------------------------|------------|
| 1523 | Teredo | Navalis                                                                                | Ship Piercer                                              | India      |
| 1524 |        | Fragmentum<br>Navalis Ta-<br>bulati <i>Ter.</i><br><i>Nav. perfor-</i><br><i>ratum</i> | Fragment of a Ship-<br>plank pierced by the<br>Ship-worm. | <i>Ib.</i> |
| 1525 |        | Clava                                                                                  | Club ditto                                                | <i>Ib.</i> |

*Sabella.*

|      |         |             |                  |            |
|------|---------|-------------|------------------|------------|
| 1526 | Sabella | Vegetabilis | River Sand-Worm  | Europe     |
| 1527 |         | Norwegica   | Common Sea ditto | <i>Ib.</i> |

ORDER V. *Lithophyta.*

*Composite Animals efflorescing like Vegetables, with a hard calcareous Stem.*

*Tubipora.*

|           |          |              |                                     |           |
|-----------|----------|--------------|-------------------------------------|-----------|
| 1528-1532 | Tubipora | Musica       | Crimson Tubipore, or<br>Organ Coral | India     |
| 1534-1535 |          | Fascicularis | Fascicular ditto                    | Greenland |

*Madrepora.*

|           |           |                       |                      |               |
|-----------|-----------|-----------------------|----------------------|---------------|
| 1536-1539 | Madrepora | Fungites              | Mushroom Madrepore   | India         |
| 1540-1542 |           | Fung. Var.            | Variety of ditto     | <i>Ib.</i>    |
| 1543      |           | Cyathus               | Goblet ditto         | Mediterranean |
| 1544-1546 |           | Labyrinthi-<br>formis | Labyrinth ditto      | India         |
| 1547-1548 |           | Mæandrites            | Meander ditto        | S. America    |
| 1549-1551 |           | Areola                | Flower-knot ditto    | India         |
| 1552      |           | Lacera                | Lacerated ditto      | <i>Ib.</i>    |
| 1553      |           | Angulosa              | Angular ditto        | <i>Ib.</i>    |
| 1554-1555 |           | Agaricites            | Agaric ditto         | <i>Ib.</i>    |
| 1556-1559 |           | Cerebrum              | Brain ditto          | St. Domingo   |
| 1560-1561 |           | Plicata               | Plaited ditto        | <i>Ib.</i>    |
| 1562      |           | Ananas                | Irregular ditto      | Mediterranean |
| 1563      |           | Galaxea               | Galaxy ditto         | <i>Ib.</i>    |
| 1564-1567 |           | Astroites             | Starry ditto         | S. America    |
| 1568      |           | Denticulata           | Denticulated ditto   | <i>Ib.</i>    |
| 1569      |           | Cavernosa             | Deeply-starred ditto | <i>Ib.</i>    |
| 1570      |           | Faveolata             | Pitted ditto         | <i>Ib.</i>    |



|           |           |                     |                           |               |
|-----------|-----------|---------------------|---------------------------|---------------|
| 1571      | Madrepora | Pleiades            | Pleiades Madrepora        | India         |
| 1572      |           | Annularis           | Annular ditto             | Ib.           |
| 1573      |           | Radiata             | Radiated ditto            | Ib.           |
| 1574      |           | Stellulosa          | Starred-cylindrical ditto | Ib.           |
| 1575-1578 |           | Punctata            | Dotted ditto              | Mediterranean |
| 1579-1584 |           | Cœspitosa           | Mossy ditto               | It.           |
| 1585-1589 |           | Porites             | Porous ditto              | India         |
| 1590-1593 |           | Damicornis          | Deer's-Horn ditto         | Ib.           |
| 1594-1600 |           | Muricata            | Mericated ditto           | Ib.           |
| 1601-1602 |           | Oculata             | Oculated ditto            | Ib.           |
| 1603-1604 |           | Rosea               | Rosy ditto                | Ib.           |
| 1605-1612 |           | Prolifera           | Proliferous ditto         | Norway        |
| 1613      |           | Anthophyl-<br>lites | Flower-cup ditto          | Ib.           |
| 1614-1615 |           | Seriata             | Seriated ditto            | India         |
| 1616      |           | Ramea               | Cinnamon ditto            | Ib.           |
| 1617      |           | Fastigiata          | Fastigated ditto          | Ib.           |
| 1618      |           | Carduus             | Thistle ditto             | Ib.           |

*Millepora.*

|           |           |           |                |               |
|-----------|-----------|-----------|----------------|---------------|
| 1619-1622 | Millepora | Cellulosa | Lace Millepore | Mediterranean |
|-----------|-----------|-----------|----------------|---------------|

*Cellepora.*

|      |           |          |                  |       |
|------|-----------|----------|------------------|-------|
| 1623 | Cellepora | Pumicosa | Pumice Cellepore | India |
|------|-----------|----------|------------------|-------|

ORDER III. *Zoophyta.*

*Composite Animals which effloresce like vegetables, with a horny Stem.*

*Isis.*

|           |      |          |                                          |           |
|-----------|------|----------|------------------------------------------|-----------|
| 1624-1627 | Isis | Hippuris | Black and White Isis or<br>Jointed Coral | India     |
| 1628      |      | Ochracea | Ochraceous ditto                         | Spice Is. |
| 1629-1631 |      | Coccinea | Scarlet ditto                            | India     |
| 1632-1638 |      | Nobilis  | Common Red ditto                         | Ib.       |

*Gorgonia.*

|           |          |             |                        |              |
|-----------|----------|-------------|------------------------|--------------|
| 1639-1643 | Gorgonia | Lepadifera  | Lepas-bearing Gorgonia | Norway       |
| 1644-1646 |          | Ceratophyta | Horned ditto           | West Indies  |
| 1647-1650 |          | Verrucosa   | Warted ditto           | Ib.          |
| 1651-1655 |          | Antipathes  | Black ditto            | India        |
| 1656      |          | *Suberosa   | Corky ditto            | Ib.          |
| 1657-1658 |          | Anceps      | Weeping-Willow ditto   | America      |
| 1659      |          | Pinnata     | Pinnated ditto         | North Sea    |
| 1660-1670 |          | Flabellum   | Venus's Fan ditto      | Both Indies. |



*Antipathes.*

|      |            |             |                |                      |
|------|------------|-------------|----------------|----------------------|
| 1671 | Antipathes | Fœniculacea | Hay Antipathes | <i>Mediterranean</i> |
| 1672 |            | Pennacea    | Feather ditto  | <i>India</i>         |
| 1673 |            | Cupressina  | Cypress ditto  | <i>Ib.</i>           |

*Alcyonium.*

|      |           |           |                           |                      |
|------|-----------|-----------|---------------------------|----------------------|
| 1674 | Alcyonium | Digitatum | Dead-man's hand Alcyonium | <i>Europe</i>        |
| 1675 |           | Exos      | Purple ditto              | <i>Mediterranean</i> |
| 1676 |           | Ficus     | Sea-Fig ditto             | <i>Europe</i>        |

*Spongia.*

|           |         |                |                     |                      |
|-----------|---------|----------------|---------------------|----------------------|
| 1677      | Spongia | Ventilabrum    | Fan-shaped Sponge   | <i>Norway</i>        |
| 1678      |         | Flabelliformis | Purple ditto ditto  | <i>Red Sea</i>       |
| 1679      |         | Cancellata     | Cancellated ditto   | <i>Atlantic</i>      |
| 1680      |         | Muricata       | Muricated ditto     | <i>Guinea</i>        |
| 1681      |         | Officinalis    | Officinal ditto     | <i>Mediterranean</i> |
| 1682      |         | Fluviatilis    | River ditto         | <i>Europe</i>        |
| 1683      |         | Tomentosa      | Tomentose ditto     | <i>Ireland</i>       |
| 1684      |         | Lichenoides    | Lichen-shaped ditto | <i>India</i>         |
| 1685      |         | Tupha          | Woolly ditto        | <i>Mediterranean</i> |
| 1686-1687 |         | * Antipathes   | Fox-Tail ditto      | <i>St. Domingo</i>   |

*Flustra.*

|           |         |           |                              |                      |
|-----------|---------|-----------|------------------------------|----------------------|
| 1688-1691 | Flustra | Foliaca   | Leafy Flustra, or Horn-wrack | <i>Europe</i>        |
| 1692      |         | Truncata  | Truncated ditto              | <i>Ib.</i>           |
| 1693      |         | Papyracea | Paper ditto                  | <i>Mediterranean</i> |
| 1694      |         | Pilosa    | Hairy ditto                  | <i>Europe</i>        |

*Corallina.*

|           |           |              |                         |                    |
|-----------|-----------|--------------|-------------------------|--------------------|
| 1695      | Corallina | Opuntia      | Kidney-shaped Coralline | <i>West Indies</i> |
| 1696-1697 |           | Officinalis  | Officinal ditto         | <i>Europe</i>      |
| 1698      |           | Fragilissima | Brittle ditto           | <i>W. Indies</i>   |
| 1699      |           | Barbata      | Bearded ditto           | <i>Jamaica</i>     |

*Sertularia.*

|      |            |            |                      |                     |
|------|------------|------------|----------------------|---------------------|
| 1700 | Sertularia | Operculata | Common Sertularia    | <i>Europe</i>       |
| 1701 |            | Cupressina | Cypress ditto        | <i>Ib.</i>          |
| 1702 |            | Falcata    | Sickle ditto         | <i>Dalkey Sound</i> |
| 1703 |            | Pennaria   | Feather ditto        | <i>Ib.</i>          |
| 1704 |            | Antennina  | Lobster's-Horn ditto | <i>Europe</i>       |
| 1705 |            | Rugosa     | Wrinkled ditto       | <i>Ib.</i>          |
| 1706 |            | Spinosa    | Spinous ditto        | <i>Ib.</i>          |

*Cellaria.*

|      |          |         |                         |            |
|------|----------|---------|-------------------------|------------|
| 1707 | Cellaria | Plumosa | Soft-feathered Cellaria | <i>Ib.</i> |
|------|----------|---------|-------------------------|------------|



|           |                     |                                                           |        |
|-----------|---------------------|-----------------------------------------------------------|--------|
| 1708      | Cellaria Loriculata | Coat of Mail Cellaria                                     | Europe |
| 1709      | Cristata            | Cock's-comb ditto                                         | Ib.    |
| 1710      | Farciminoides       | Bugle ditto                                               | Ib.    |
| 1711-1712 | Far.                | Ditto ditto exposed to<br>the action of Muriatic<br>Acid. | Ib.    |

*Pennatula.*

|      |                 |                   |               |
|------|-----------------|-------------------|---------------|
| 1713 | Pennatula Rubra | Red Sea-Pen       | Mediterranean |
| 1714 | Filosa          | Filamentous ditto | Europe        |
| 1715 | Grisea          | Grey ditto        | Adriatic      |

*Hydra.*

|      |             |              |               |
|------|-------------|--------------|---------------|
| 1716 | Hydra Fusca | Brown Polype | Mediterranean |
|------|-------------|--------------|---------------|



# PETRIFACTIONS.

## 1. *Animal.*

|                                               |                |
|-----------------------------------------------|----------------|
| 1 Stellite or Star Stone                      | Derbyshire     |
| 2 Diadem Echinite                             | Ib.            |
| 3 Rose ditto                                  | Ib.            |
| 4 Conulous ditto                              | Sligo          |
| 5 Ditto ditto                                 | G. Causeway    |
| 6—7 Chamites                                  | Derbyshire     |
| 8 Great Ostracite                             | Ib.            |
| 9 Pectinite                                   | Ib.            |
| 10—11 Gryphites                               | Ib.            |
| 12—18 Anomites                                | Ib.            |
| 19 Terebratulites                             | Ib.            |
| 20—23 Mytilites                               | Ib.            |
| 24 Nautilite                                  | Ib.            |
| 25 Cast formed in the chambers of an Ammonite | Ib.            |
| 26—41 Ammonites                               | Ib. & Portland |
| 42—44 Helicites                               | Ireland        |
| 45—48 Neritites                               | Ib.            |
| 49—51 Murizites                               | Ib.            |
| 52 Turbinite                                  | Ib.            |
| 53 Hamite                                     | Derbyshire     |
| 54—56 Enchrinites                             | Ib.            |
| 57—58 Oniscites                               | Cumberland     |
| 58 <sup>b</sup> Mass of Trochites             | Ireland        |
| 59 Entrochites                                | Ib.            |
| 60 Stags'-horn Entrochite                     | Derbyshire     |
| 61 Belemnites                                 | Ib.            |
| 62—86 Madreporites                            | Ireland        |
| 84—86 Escharites                              | Ib.            |

## 2. *Vegetable.*

|                       |             |
|-----------------------|-------------|
| 87—88 Oak             | G. Causeway |
| 89 Fir                | Lough Ouil  |
| 90—91 Mares'-tail     | Ireland     |
| 92 Fern               | Ib.         |
| 93 Ditto non-descript | Ib.         |
| 94 Walnuts            | Bromley     |



- |        |                                                                           |            |
|--------|---------------------------------------------------------------------------|------------|
| 95     | Fruit non-descript probably, rather a <i>Ficoid</i><br><i>Alcyonite</i> , | Cumberland |
| 96—97  | Nuts                                                                      | Ib.        |
| 98     | Kernel of a Filbert                                                       | Antrim     |
| 99—100 | Fungites                                                                  | Ireland    |

*Fossil Bones.*

- |         |                                               |            |
|---------|-----------------------------------------------|------------|
| 101—103 | Buffonites                                    | Gibraltar  |
| 103     | Plectronite                                   | Ib.        |
| 104—106 | Feet-bones of the Mastodon or Mammoth         | N. America |
| 107     | Part of a Rib of ditto                        | Ib.        |
| 108     | Grinder of ditto weighing $5\frac{1}{4}$ lbs. | Ib.        |
| 109     | Part of an Elephant's Tusk                    | Siberia    |
| 110     | Tooth of an animal unknown                    | .....      |
| 111     | Imperfect Horn of an Elk                      | Ireland    |

*Concretions.*

- |                     |                                                  |         |
|---------------------|--------------------------------------------------|---------|
| <sup>1</sup> 12—117 | Stony Concretions in the stomachs of Horses      | Ireland |
| 118—119             | Bezoar of the Goat                               | India   |
| 120                 | Ditto of the Monkey                              | Ib.     |
| 121                 | Ball of Hair found in the stomach of a Veal      | Ireland |
| 122                 | Ditto ditto of an Ox                             | Ib.     |
| 123—124             | Ditto ditto of a Cow                             | Ib.     |
| 125                 | Ditto of Wool found in the stomach of a<br>Sheep | Ib.     |



## MISCELLANEOUS.

- 1—3 Ancient Urns. *See Collectanea. Vol. IV.* Ireland  
 4—9 Stone Axes *ibid.* Ib.  
 11—24 Chip-Axes of Brass *ibid.* Ib.  
 25 Gouge of Brass *ibid.* Ib.  
 26—32 Arrow-heads of Flint called Elf-stones Ib.  
 33—35 Ditto ditto N. America  
 36—43 Spear-heads of Brass Ireland  
 44 Ditto of Iron Ib.  
 45 Ditto ditto ornamented Ib.  
 46 Ancient Danish Pike-head of Iron Ib.  
 47 Part of an ancient ditto of ditto Ib.  
 48 French Hunting Spear-head of Steel . . . . .  
 49 Caltrop, or Cheval de Frize, cast Iron Ireland  
 50 Ancient Spur of Brass Ib.  
 51 Inlaid Spur of Steel found at *Old Bridge* Ib.  
 52 Ancient ditto of ditto found at *Clontarf* Ib.  
 53 Bit of a Bridle found in a Turf-Bog, *Ballymoyer* Ib.  
 54 Headstall of Brass found at *Tang, Co. Westmeath* Ib.  
 55—56 Ornaments of Brass dug out of a Bog Ib.  
 57 Ancient Fibula, or Clasp, of Gold Ib.  
 58 Ring of Silver, from a Grave in Limerick Ib.  
 59 Part of a Silver *Torques* Ib.  
 60—62 Antique Ornaments of Silver, *Londonderry* Ib.  
 63—65 Ditto ditto ditto *Ballyspellin* Ib.  
 66 Silver Watch, with Catgut chain Ib.  
 67 Breast-pin of Steel studded Ib.  
 68 Ditto of Brass Ib.  
 69—75 Ditto ditto various patterns Ib.  
 76—78 Brass Fibulæ with Spiral Springs Ib.  
 79 Ancient Ring, of Brass Ib.  
 80 Ditto, Seal of ditto Ib.  
 81 Current Coin of *Kien Lung*, Emperor, from 1735  
 to 1795 China  
 82 Caricatura Tobacco-stopper, of Brass Ireland  
 83 Household-Idol, found in the ruins of *Downpatrick*  
 Cathedral Ib.



- |        |                                                                                             |                |
|--------|---------------------------------------------------------------------------------------------|----------------|
| 84     | Tweezer of Iron, supposed to be ancient                                                     | <i>Ireland</i> |
| 85     | Ancient Key with a Ring, found in a Turf-Bog                                                | <i>Ib.</i>     |
| 86—88  | Druidic Rings of Brass                                                                      | <i>Ib.</i>     |
| 89     | Rings of Divination                                                                         | <i>Ib.</i>     |
| 90—91  | Druidic Amulets                                                                             | <i>Ib.</i>     |
| 92—94  | Amulets found in <i>Co. Kilkenny</i>                                                        | <i>Ib.</i>     |
| 95     | Box of Horn, with a Medallion of K. CHARLES I.                                              | <i>Ib.</i>     |
| 96     | Incense Box                                                                                 | <i>Ib.</i>     |
| 97     | Curious Old Key, found in the Ruins of the Monastery at <i>Boyle</i> , <i>Co. Roscommon</i> | <i>Ib.</i>     |
| 98     | Ancient Spring Buckle, of Steel                                                             | <i>Ib.</i>     |
| 99—101 | Ancient Pipes of Clay; supposed to be <i>Danish</i>                                         | <i>Ib.</i>     |
| 102    | Brass model of a Torques of Gold                                                            | <i>Ib.</i>     |
| 103    | Very curious Ancient Flageolet, found in a Bog                                              | <i>Ib.</i>     |
| 104    | Mace beautifully inlaid with Gold.                                                          | <i>Ib.</i>     |
| 105    | Tobacco Pipe, highly ornamented                                                             | <i>China</i>   |
| 106    | The Bards' Alphabet, on Wood                                                                | <i>Wales</i>   |
- 
- |                  |                                                                                             |                    |
|------------------|---------------------------------------------------------------------------------------------|--------------------|
| 107—112          | Lamps, of Terra Cotta, from the Catacombs                                                   | <i>Rome</i>        |
| 113              | Vessel for Sacrifice, in Terra Cotta                                                        | <i>Ib.</i>         |
| 114—115          | Lacrymatories in Terra Cotta—Catacombs                                                      | <i>Ib.</i>         |
| 116—117          | Ditto of Glass from ditto                                                                   | <i>Ib.</i>         |
| 118—119          | Vessels for Sacrifice in Bronze                                                             | <i>Ib.</i>         |
| 120—122          | Antique Heads, in Terra Cotta                                                               | <i>Ib.</i>         |
| 123              | Ditto Bust of Jupiter in ditto                                                              | <i>Ib.</i>         |
| 124              | Ditto Mask in ditto                                                                         | <i>Ib.</i>         |
| 125              | Ditto ditto in Bronze                                                                       | <i>Ib.</i>         |
| 126              | Fibula, Bronze, gilt                                                                        | <i>Ib.</i>         |
| 127              | Antique Key                                                                                 | <i>Ib.</i>         |
| 127 <sup>b</sup> | Rings dug up at <i>Cannæ</i>                                                                | <i>Italy</i>       |
| 128              | Piece of Antique Mosaic Pavement                                                            | <i>Rome</i>        |
| 129—130          | Ditto of tessellated Pavement from NERO's Bath                                              | <i>Naples</i>      |
| 131              | Part of a Roman Tile from the tessellated Pavement at <i>Swinton</i> in <i>Lincolnshire</i> | <i>England</i>     |
| 132—134          | Ancient Etruscan Vases                                                                      | <i>Italy</i>       |
| 135              | Urn of Brass                                                                                | <i>Rome</i>        |
| 136—138          | Coffee-pot, &c. beautifully ornamented                                                      | <i>East Indies</i> |
| 139—140          | Amulets of Brass worn by Women                                                              | <i>Ib.</i>         |
| 141              | <i>Phalli</i> worn as Amulets by ditto                                                      | <i>Ib.</i>         |
| 142—145          | Tiles from the <i>Alhambra</i> Palace                                                       | <i>Spain</i>       |
| 146              | Pannel of Wood from ditto                                                                   | <i>Ib.</i>         |
| 147—150          | Tiles from the Ruins of an Abbey, <i>Mary-street</i>                                        | <i>Dublin</i>      |
| 151—152          | Antique Egyptian Figures                                                                    | .....              |
| 153              | Cloth, supposed to be 3000 years old                                                        | <i>Egypt</i>       |
| 154              | Part of a funeral Dress from a Tomb in <i>Peterborough</i>                                  | .....              |



|         |                                           |                     |
|---------|-------------------------------------------|---------------------|
| 155     | Adze formed of green Jade-stone           | <i>Sandwich Is.</i> |
| 156     | Chisel ditto                              | <i>Ib.</i>          |
| 157     | Carving Instrument, Beaver's Tooth        | <i>Ib.</i>          |
| 158     | Wood-rasp                                 | <i>Otaheite</i>     |
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| 300     | Woman's Shoe                                           | <i>Ib.</i>          |
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| 308     | Ditto of an Apron ornamented, &c.                      | <i>Ib.</i>          |
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